KAKARAPARTI BHAVANARAYANA COLLEGE (Autonomous)

(Sponsored by S.K.P.V.Vhindu High Schools Committee)

UG I SEMESTER SEMESTER END EXAMINATION TIMETABLE : DECEMBER 2023

DATE: 11/12/2023 to 18/12/2023

B.Sc(Mathematics/Physics/Electronics/Computer Statistics/Chemistry/Data Science/Artificial Intelligence)		
DATE	**TIME**	**Title of the Paper**
11-12-2023	02:00 PM to 04:00 PM	Communication Skills **R23SDP102**
12-12-2023	02:00 PM to 04:00 PM	Entrepreneurship **R23SDPA101/** Analytical Skills **R23SDPB101**
13-12-2023	02:00 PM to 04:00 PM	Principles of Psychology **R23MDP101/** Principles of Chemical Sciences **R23MDP102**
14-12-2023	02:00 PM to 05:00 PM	A Course in Communication and Soft Skills **R23ENG101**
15-12-2023	02:00 PM to 05:00 PM	General Telugu **R23TEL101/** General Hindi **R23HIN101**
16-12-2023	02:00 PM to 05:00 PM	Essential and Application of Mathematical, Physical and Chemical Sciences **R23BSC101**
18-12-2023	02:00 PM to 05:00 PM	Advances in Mathematical, Physical and Chemical Sciences **R23BSC102**

BCA/BBA/B.Com		
DATE	**TIME**	**Title of the Paper**
11-12-2023	02:00 PM to 04:00 PM	Communication Skills **R23SDP102**
12-12-2023	02:00 PM to 04:00 PM	Entrepreneurship **R23SDPA101/** Analytical Skills **R23SDPB101**
13-12-2023	02:00 PM to 04:00 PM	Principles of Psychology **R23MDP101/** Principles of Chemical Sciences **R23MDP102**
14-12-2023	02:00 PM to 05:00 PM	A Course in Communication and Soft Skills **R23ENG101**
15-12-2023	02:00 PM to 05:00 PM	General Telugu **R23TEL101/** General Hindi **R23HIN101**
16-12-2023	02:00 PM to 05:00 PM	Fundamentals of Commerce **R23COM101**
18-12-2023	02:00 PM to 05:00 PM	Business Organisation **R23COM102**

B.Sc(Biotechnology/Biotechnology)		
DATE	**TIME**	**Title of the Paper**
11-12-2023	02:00 PM to 04:00 PM	Communication Skills **R23SDP102**
12-12-2023	02:00 PM to 04:00 PM	Entrepreneurship **R23SDPA101**
13-12-2023	02:00 PM to 04:00 PM	Principles of Psychology **R23MDP101/** Principles of Chemical Sciences **R23MDP102**
14-12-2023	02:00 PM to 05:00 PM	A Course in Communication and Soft Skills **R23ENG101**
15-12-2023	02:00 PM to 05:00 PM	General Telugu **R23TEL101/** General Hindi **R23HIN101**
16-12-2023	02:00 PM to 05:00 PM	Introduction to Classical Biology **R23BM101**
18-12-2023	02:00 PM to 05:00 PM	Introduction to applied biology **R23BM102**

B.Voc(Software Development)		
DATE	**TIME**	**Title of the Paper**
11-12-2023	02:00 PM to 04:00 PM	Communication Skills **R23SDP102**
12-12-2023	02:00 PM to 04:00 PM	Entrepreneurship **R23SDPA101**
13-12-2023	02:00 PM to 04:00 PM	Principles of Psychology **R23MDP101/** Principles of Chemical Sciences **R23MDP102**
14-12-2023	02:00 PM to 05:00 PM	A Course in Communication and Soft Skills **R23ENG101**
15-12-2023	02:00 PM to 05:00 PM	****
16-12-2023	02:00 PM to 05:00 PM	Introduction to C-Programming **R23BV101**
18-12-2023	02:00 PM to 05:00 PM	Fundamentals of Computer Science **R23BV102**

Controller of Examinations 6/12/23

Principal 6/12/23.

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

(Sponsored by S.K.P.V.V. Hindu High Schools Committee)

I SEMESTER END EXAMINATIONS DEC -2023(SUPPLEMENTARY) From 11/12/2023 to 20/12/2023

DATE	TIME	B.Sc								B.VOC		B.Com					
		MPC	MPCS	MSCS	MECS	MCCB	CBZ	DATA SCIENCE	IoT	IT-Ites	WEB TECHNOLOGY & S/W DEVELOPMENT	GEN	T.P	COMP	LOGISTICS	BBM	BCA
11-12-2023	02.00 P.M to 04.00 P.M	Communication SoftSkills-I CBCSS101A (2016-17) COMPUTER APPLICATIONS R20LSC101 (2020-21)	Communication SoftSkills-I CBCSS101A (2016-17) **HUMAN VALUES AND PROFESSIONAL ETHICS** **R20LSC102** **(2020-21)**	Communication SoftSkills-I CBCSS101A (2016-17) **HUMAN VALUES AND PROFESSIONAL ETHICS** **R20LSC102** **(2020-21)**	Communication SoftSkills-I CBCSS101A (2016-17) **HUMAN VALUES AND PROFESSIONAL ETHICS** **R20LSC102** **(2020-21)**	Communication SoftSkills-I CBCSS101A (2016-17) **HUMAN VALUES AND PROFESSIONAL ETHICS** **R20LSC102** **(2020-21)**	Communication SoftSkills-I CBCSS101A (2016-17) **COMPUTER APPLICATIONS** **R20LSC101** **(2020-21)**	Communication SoftSkills-I CBCSS101A (2016-17) **HUMAN VALUES AND PROFESSIONAL ETHICS** **R20LSC102** **(2020-21)**	Communication SoftSkills-I CBCSS101A (2016-17) HUMAN VALUES AND PROFESSIONAL ETHICS R20LSC102 (2020-21)	-----	**HUMAN VALUES AND PROFESSIONAL ETHICS** **R20LSC102** **(2020-21)**	Communication SoftSkills-I CBCSS101A (2016-17) **COMPUTER APPLICATIONS** **R20LSC101** **(2020-21)**	Communication SoftSkills-I CBCSS101A (2016-17) **COMPUTER APPLICATIONS** **R20LSC101** **(2020-21)**	Communication SoftSkills-I CBCSS101A (2016-17) **HUMAN VALUES AND PROFESSIONAL ETHICS** **R20LSC102** **(2020-21)**	Communication SoftSkills-I CBCSS101A (2016-17) **COMPUTER APPLICATIONS** **R20LSC101** **(2020-21)**	Communication SoftSkills-I CBCSS101A (2016-17) **COMPUTER APPLICATIONS** **R20LSC101**	Communication SoftSkills-I CBCSS101A (2016-17) **HUMAN VALUES AND PROFESSIONAL ETHICS** **R20LSC102** **(2020-21)**
12-12-2023	02.00 P.M to 04.00 P.M	Human Values & Professional Ethics CBHV101A ELECTRICAL APPLIANCES R20SDC101 (2020-21)	Human Values & Professional Ethics CBHV101A **ELECTRICAL APPLIANCES** **R20SDC101** **(2020-21)**	Human Values & Professional Ethics CBHV101A **ELECTRICAL APPLIANCES** **R20SDC101** **(2020-21)**	Human Values & Professional Ethics CBHV101A **ELECTRICAL APPLIANCES** **R20SDC101** **(2020-21)**	Human Values & Professional Ethics CBHV101A **ELECTRICAL APPLIANCES** **R20SDC101** **(2020-21)**	Human Values & Professional Ethics CBHV101A **ELECTRICAL APPLIANCES** **R20SDC101** **(2020-21)**	Human Values & Professional Ethics CBHV101A **ELECTRICAL APPLIANCES** **R20SDC101** **(2020-21)**	Human Values & Professional Ethics CBHV101A ELECTRICAL APPLIANCES R20SDC101 (2020-21)	Human Values & Professional Ethics CBHV101A (2019-20)	Human Values & Professional Ethics CBHV101A (2019-20)	Human Values & Professional Ethics CBHV101A **INSURANCE PROMOTION** **R20SDC102B** **(2020-21)**	Human Values & Professional Ethics CBHV101A **INSURANCE PROMOTION** **R20SDC102B** **(2020-21)**	Human Values & Professional Ethics CBHV101A **INSURANCE PROMOTION** **R20SDC102B** **(2020-21)**	Human Values & Professional Ethics CBHV101A **INSURANCE PROMOTION** **R20SDC102B** **(2020-21)**	Human Values & Professional Ethics CBHV101A **INSURANCE PROMOTION** **R20SDC102B** **(2020-21)**	Human Values & Professional Ethics CBHV101A **INSURANCE PROMOTION** **R20SDC102B** **(2020-21)**
13-12-2023	02.00 P.M to 05.00 P.M	General English - I CBENG101A COMMUNICATION AND SOFTSKILLS R20ENG101 (2020-21)	General English - I CBENG101A R20ENG101 **COMMUNICATION AND SOFTSKILLS** **R20ENG101A** **(2022-23)**	General English - I CBENG101A R20ENG101 **COMMUNICATION AND SOFTSKILLS** **R20ENG101A** **(2022-23)**	General English - I CBENG101A R20ENG101 **COMMUNICATION AND SOFTSKILLS** **R20ENG101A** **(2022-23)**	General English - I CBENG101A R20ENG101 **COMMUNICATION AND SOFTSKILLS** **R20ENG101A** **(2022-23)**	General English - I CBENG101A R20ENG101 **COMMUNICATION AND SOFTSKILLS** **R20ENG101A** **(2022-23)**	General English - I CBENG101A R20ENG101 **COMMUNICATION AND SOFTSKILLS** **R20ENG101A** **(2022-23)**	General English - I CBENG101A COMMUNICATION AND SOFTSKILLS R20ENG101 (2020-21)	General English - I CBENG101A (2019-20)	General English - I CBENG101A R20ENG101 **COMMUNICATION AND SOFTSKILLS** **R20ENG101A** **(2022-23)**	General English - I CBENG101A R20ENG101 **COMMUNICATION AND SOFTSKILLS** **R20ENG101A** **(2022-23)**	General English - I CBENG101A R20ENG101 **COMMUNICATION AND SOFTSKILLS** **R20ENG101A** **(2022-23)**	General English - I CBENG101A R20ENG101 **COMMUNICATION AND SOFTSKILLS** **R20ENG101A** **(2022-23)**	General English - I CBENG101A R20ENG101 **COMMUNICATION AND SOFTSKILLS** **R20ENG101A** **(2022-23)**	General English - I CBENG101A R20ENG101 **COMMUNICATION AND SOFTSKILLS** **R20ENG101A** **(2022-23)**	General English - I CBENG101A R20ENG101 **COMMUNICATION AND SOFTSKILLS** **R20ENG101A** **(2022-23)**
14-12-2023	02.00 P.M to 05.00 P.M	CBTEL101A / CBHIN101 TELUGU/HINDI R20TEL101/ R20HIN101 (2021-22)	CBTEL101A / CBHIN101 R20TEL101/ R20HIN101 **TELUGU/HINDI** **R20TEL101A/** **R20HIN101A** **(2022-23)**	CBTEL101A / CBHIN101 R20TEL101/ R20HIN101 **TELUGU/HINDI** **R20TEL101A/** **R20HIN101A** **(2022-23)**	CBTEL101A / CBHIN101 R20TEL101/ R20HIN101 **TELUGU/HINDI** **R20TEL101A/** **R20HIN101A** **(2022-23)**	CBTEL101A / CBHIN101 R20TEL101/ R20HIN101 **TELUGU/HINDI** **R20TEL101A/** **R20HIN101A** **(2022-23)**	CBTEL101A / CBHIN101 R20TEL101/ R20HIN101 **TELUGU/HINDI** **R20TEL101A/** **R20HIN101A** **(2022-23)**	CBTEL101A / CBHIN101 R20TEL101/ R20HIN101 **TELUGU/HINDI** **R20TEL101A/** **R20HIN101A** **(2022-23)**	CBTEL101A / CBHIN101 TELUGU/HINDI R20TEL101/ R20HIN101 (2021-22)	-----	-----	CBTEL101A / CBHIN101 R20TEL101/ R20HIN101 **TELUGU/HINDI** **R20TEL101A/** **R20HIN101A** **(2022-23)**	CBTEL101A / CBHIN101 R20TEL101/ R20HIN101 **TELUGU/HINDI** **R20TEL101A/** **R20HIN101A** **(2022-23)**	CBTEL101A / CBHIN101 R20TEL101/ R20HIN101 **TELUGU/HINDI** **R20TEL101A/** **R20HIN101A** **(2022-23)**	CBTEL101A / CBHIN101 R20TEL101/ R20HIN101 **TELUGU/HINDI** **R20TEL101A/** **R20HIN101A** **(2022-23)**	CBTEL101A / CBHIN101 R20TEL101/ R20HIN101 **TELUGU/HINDI** **R20TEL101A/** **R20HIN101A** **(2022-23)**	CBTEL101A / CBHIN101 R20TEL101/ R20HIN101 **TELUGU/HINDI** **R20TEL101A/** **R20HIN101A** **(2022-23)**
15-12-2023	02.00 P.M to 05.00 P.M	Differential Equations CBMAT101A DIFFERENTIAL EQUATIONS R20MAT101 (2020-21)	Differential Equations CBMAT101A R20MAT101 **DIFFERENTIAL EQUATIONS** **R20MAT101A** **(2022-23)**	Differential Equations CBMAT101A R20MAT101 **DIFFERENTIAL EQUATIONS** **R20MAT101A** **(2022-23)**	Differential Equations CBMAT101A R20MAT101 **DIFFERENTIAL EQUATIONS** **R20MAT101A** **(2022-23)**	Differential Equations CBMAT101A R20MAT101 **DIFFERENTIAL EQUATIONS** **R20MAT101A** **(2022-23)**	Microbial Diversity, Algae, Fungi CBBOT101A R20BOT101 **FUNDAMENTALS OF MICROBES AND NON VARALAR PLANTS** **R20BOT101A** **(2022-23)**	Maths for Data Science DSMD101 R20DSMAT101 **MATHS FOR DATA SCIENCE** **R20DSMAT101A** **(2022-23)**	Differential Equations IOTDE101 / CBMAT101A NUMERICAL ANALYSIS R20IOTMAT101 (2020-21)	Discrete Mathematics ITDM101/ CBCMAT101A (2019-20)	Discrete Mathematics WSDM101/ CBCMAT101A **DISCRETE MATHEMATICS** **R20WSDM101A** **(2020-21)**	Business Economics CBBE101A R20COM101 **FUNDAMENTALS OF ACCOUNTING** **R20COM101A** **(2022-23)**	Business Economics CBBE101A (2018-19) R20COM101 **FUNDAMENTALS OF ACCOUNTING** **R20COM101A** **(2022-23)**	Business Economics CBBE101A (2018-19) R20COM101 **FUNDAMENTALS OF ACCOUNTING** **R20COM101A** **(2022-23)**	Business Economics CBBE101A (2018-19) R20COM101 **FUNDAMENTALS OF ACCOUNTING** **R20COM101A** **(2022-23)**	Managerial Economics-I CBME101 R20BBA101 **PRINCIPLES OF MANAGEMENT** **R20BBA101A** **(2022-23)**	Discrete Mathematics CBCMAT101A R20CMAT101 **NUMERICICAL AND STATISTICAL METHODS** **R20CMAT101A** **(2022-23)**
16-12-2023	02.00 P.M to 05.00 P.M	Mechanics & Properties of Matter CBPHY101A (2018-19) MECHANICS,WAVES & OSCILLATIONS R20PHY101 (2020-21)	Mechanics & Properties of Matter CBPHY101A (2018-19) R20PHY101 **MECHANICS,WAVES & OSCILLATIONS** **R20PHY101A** **(2022-23)**	Descriptive Statistics & Probability CBSTT101 R20STAT101 **DESCRIPTIVE STATISTICS** **R20STAT101A** **(2022-23)**	Basic Circuit Theory CBELE101A R20ELE101 **CIRCUIT THEORY AND ELECTRONIC DEVICES** **R20ELE101A** **(2022-23)**	-----	Animal Diversity of Invertebrates-I CBZOO101A R20ZOO101 **BIOLOGY OF NONCHORDATES** **R20ZOO101A** **(2022-23)**	Descriptive Statistics & Probability DSDSP101 R20DSSTAT101 **DESCRIPTIVE STATISTICS** **R20DSSTAT101A** **(2022-23)**	Basic Electricity and Devices IOTBED101 BASIC ELECTRICITY & DEVICES R20IOTELE101 (2020-21)	Computer Organisation ITCO101/WSCO101 (2019-20)	HTML & CSS WSHC101/R20WSHC101 **HTML & CSS** **R20WSHC101A** **(2022-23)**	Business Organisation CBBO101A R20COM102 **BUSINESS ORGANISATION AND MANAGEMENT** **R20COM102A** **(2022-23)**	Business Organisation CBBO101A (2018-19) R20COM102 **BUSINESS ORGANISATION AND MANAGEMENT** **R20COM102A** **(2022-23)**	Business Organisation CBBO101A (2018-19) R20COM102 **BUSINESS ORGANISATION AND MANAGEMENT** **R20COM102A** **(2022-23)**	Business Organisation CBBO101A (2018-19) R20COM102 **BUSINESS ORGANISATION AND MANAGEMENT** **R20COM102A** **(2022-23)**	Business Organisation CBBO101A (2018-19) R20BBA102 **MANAGERIAL ECONOMICS** **R20BBA102A** **(2022-23)**	Sys. Approach To Management-I CBBAM101 R20BCA101 **COMPUTER FUNDAMENTALS & OFFICE TOOLS** **R20BCA101A** **(2022-23)**
18-12-2023	02.00 P.M to 05.00 P.M	---	Computer Fundamentals & MS Office CBCSC101/ITCSC101/ WSCSC101 R20CSC101 **PROGRAMMING WITH C** **R20CSC101A** **(2022-23)**	Computer Fundamentals & MS Office CBCSC101/ITCSC101/ WSCSC101 R20CSC101 **PROGRAMMING WITH C** **R20CSC101A** **(2022-23)**	Computer Fundamentals & MS Office CBCSC101/ITCSC101/ WSCSC101 R20CSC101 **PROGRAMMING WITH C** **R20CSC101A** **(2022-23)**	Computer Fundamentals & MS Office CBCSC101/ITCSC101/ WSCSC101 R20CSC101 **PROGRAMMING WITH C** **R20CSC101A** **(2022-23)**	-----	R20CSC101 **PROGRAMMING WITH C** **R20CSC101A** **(2022-23)**	PROGRAMMING WITH C R20CSC101 (2020-21)	Computer Fundamentals & MS Office ITCSC101/ CBCSC101 (2019-20)	WSCSC101/CBCSC101 R20WSCSC101 **COMPUTER FUNDAMENTALS & MS-OFFICE** **R20WSCSC101A** **(2022-23)**	Financial Accounting-I CBFA101/CBFA101A R20COMG103 **BUSINESS ENVIRONMENT** **R20COMG103A** **(2022-23)**	Financial Accounting-I CBFA101/CBFA101A R20COMT103 **INCOME TAX-I** **R20COMT103A** **(2022-23)**	Financial Accounting-I CBLFA101/CBFA101A R20COMC103 **INFORMATION TECHNOLOGY** **R20COMC103A** **(2022-23)**	Financial Accounting-I CBLFA101/CBFA101A R20COML103 **ECONOMIES OF TRANSPORT** **R20COML103A** **(2022-23)**	Accounting for Managers CBAM101A R20BBA103 **QUANTITATIVE METHODS FOR MANAGERS** **R20BBA103A** **(2022-23)**	Introduction to Computers CBBCA101 R20BCA102 **PROGRAMMING WITH C** **R20BCA102A** **(2022-23)**
19-12-2023	02.00 P.M to 05.00 P.M	Inorganic & Organic Chemistry CBCHE101 INORGANIC AND PHYSICAL CHEMISTRY R20CHE101 (2020-21)	-----	-----	-----	Inorganic & Organic Chemistry CBCHE101 R20CHE101 **INORGANIC AND PHYSICAL CHEMISTRY** **R20CHE101A** **(2022-23)**	Inorganic & Organic Chemistry CBCHE101 R20CHE101 **INORGANIC AND PHYSICAL CHEMISTRY** **R20CHE101A** **(2022-23)**	Programming in 'C' & Data Structures DSCDS101/IOTCDS101 'C' Programming DSCP101/ CBBCA102	Programming in 'C' & Data Structures DSCDS101/ IOTCDS101 'C' Programming IOTCP101/ CBBCA102	C' Programming ITCP101/ CBBCA102 (2019-20)	Computer Organisation WSCO101/ ITCO101/ R20WSCO101 **COMPUTER ORGANISATION** **R20WSCO101A** **(2022-23)**	-----	Income Tax-I CBIT101 (2015-16)	Fundamentals of Computers CBFOC101(2015-16)	Economics of Transport CBEOT101 (2015-16)	Quantitative Methods for Managers CBQM101A (2018-19)	C' Programming CBBCA102/ ITCP101/ DSCP101/ IOTCP101
20-12-2023	02.00 P.M to 05.00 P.M	Computer Fun & Internet I CBICF101 (2016-17)	-----	-----	-----	-----	Computer Fun & Internet I CBICF101 (2016-17)	-----	-----	-----	-----	Computer Fun & Internet I CBICF101 (2016-17)	Computer Fun & Internet I CBICF101 (2016-17)	-----	Computer Fun & Internet I CBICF101 (2016-17)	Computer Fun & Internet I CBICF101 (2016-17)	-----

Controller of Examinations

Principal

Room No: Regd No ①

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I DEGREE(All Groups)	Max Marks	: 60
Subject	: Telugu	Pass Mark	: 24
Title of Paper	: General Telugu	Duration	: 3Hrs
Paper Code	: R23TEL101	Time	: 2pm to 5pm
W.E.F	: 2023-24	Date	: 15/12/2023

అ – విభాగము

I.క్రింది 8 ప్రశ్నలలో ఏవైనా 5 ప్రశ్నలకు సమాధానం రాయాలి 5X4=20మా

1. క్రింది వానిలో 'ఒకదానికి' సందర్భ సహిత వ్యాఖ్యలు వ్రాయండి

 1.కృతము దలంచి ప్రాణములు విడుతుంటివినన్

 2. సత్యవాక్యమునకు జావు లేదు

2. క్రింది వానిలో 'నాలుగు పదాలకు సంధి పేరు మాత్రమే' తెలపండి

 1. విశలాంగులు 2. దేవోత్తములు 3.పెంపడరు 4. కొనియాడు

 5. కష్టముతోను 6. క్రిందపడి 7. ముమ్మారు 8. భరలాదని

3. క్రింది వానిలో 'నాలుగు పదాలకు సమాసము పేరు మాత్రమే' తెలపండి

 1. ధనధాన్యములు 2. రాజపుత్రులు 3.అసాధ్యము 4. దనుజులు

 5.పిచాపాటి 6.నాల్గుపదులు 7.భాగ్యవిహీనులు 8.వింధ్యపర్వతం

4. క్రింది పద్యములోని 'ఒకదానికి' అలంకారాన్ని తెలిపి లక్ష్య లక్షణ సమన్వయం చేయండి

 ముక్కు మొగమున్న చీకటి ముద్దవోలె

 విహారణము సేయుచుండె గబ్బిల మొకండు

 దాని పజ్జనిలుచున్న వాని విన్న

 యామువన్న దీప మధ్యాన శాయలోయు.

 (లేదా)

క్రింది పద్య పాదమును గురులఘు నిర్దేశ పూర్వకముగా గణవిభజన చేసి, యతిప్రాసలు గురించి ఏ పద్యపాదమో వివరించండి

 "వసుధానువాడునై పురుషసింహుడు భక్తుడు నైన మంత్రి పెం"

5. జాషువా గబ్బిలానికి చెప్పిన హితోక్తులను తెలుపండి.

6. అలరాస పుట్టిళ్ళు కథలో వెంగళ్రాయుని పాత్రను గూర్చి తెలుపుము.

7. సంభాషణ గురించి సీతారామారావు గారి అభిప్రాయాలు.

8. వేటూరి ప్రభాకర శాస్త్రి వ్యక్తిగత జీవిత విశేషాలు.

[P.T.O]

ఆ - విభాగము

II. ప్రతిభాగం నుండి ఒక్కొక్క ప్రశ్నకు జవాబు రాయండి **5X8=40మా**

9. క్రింది పద్యానికి <u>ప్రతిపదార్థం, భావం మాత్రమే</u> రాయండి

వదలక బుద్ధి నంతరితవర్గము నేర్చి జితేంద్రియుండవై
మొదలను దీనాలలుగముల్ మఱి ధైర్యబలంబు గల్గి భూ
విదితబలుండవై యహితవీరుల నేర్పుగ నుత్సహించి యు
న్మదమతిఁ గాంచి చిత్తముల ప్రమత్తుల నింద్రియనిర్జితాత్ములన్.

(లేదా)

10. ప్రతిమల పెండ్లి సేయుటకు వందల వేలు వ్యయించుగాని దుః
ఖితమతులైన పేదల పకీరుల కన్నము పెట్ట పాత్రలన్
మెతుకు విదల్పదీ భరతమేదిని ముప్పదిమూడుకోట్ల దే
వత లెగవడ్డ దేశమున భాగ్యవిహీనుల క్షుత్తు లారునే

11. రాజనీతి పాఠ్య సారాంశాన్ని తెలపండి.

(లేదా)

12. పంచముడు గబ్బిలంతో తన ఆవేదనను నివేదించిన విధానాన్ని వివరించండి.

13. అలరాసు పుట్టిళ్ళు కథాంశాన్ని తెలపండి

(లేదా)

14. అలరాసు పుట్టిళ్ళు ఆధారంగా ధనవంతుల గృహాల్లో స్త్రీ పరిస్థితిని తెలపండి

15. సీతారామారావు జీవయాత్రను వర్ణించండి.

(లేదా)

16. రామయ్య తాత సీతారామా రావుకు తెలిపిన జీవిత సత్యం.

17. మానపల్లి రామకృష్ణ గారి జీవిత విశేషాలు తెలపండి

(లేదా)

18. నిడదవోలు వారి సాహితీ ప్రస్థానం సంగ్రహంగా తెలపండి

Room No: _____ Regd No: (3)

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS
I – SEMESTER END EXAMINATIONS

Class	: I Degree (All Groups)	Max Marks	: 60
Subject	: Telugu	Pass Mark	: 24
Title of Paper	: General Telugu	Duration	: 3 Hrs
Paper Code	: R20TEL101A	Time	: 2pm - 5pm
W.E.F	: 2022-23	Date	: 14-12-2023

SECTION-A

1. ఈ క్రింది పద్యాలకు ఒకదానికి ప్రతిపదార్థ తాత్పర్యము వ్రాయండి. 1 X 9 = 9 M

అ. ఎవ్వని చేజనించు జగమెవ్వనిలోపల నుండు లీనమై
యెవ్వని యందు డిందు బరమేశ్వరు డెవ్వడు మూలకారణం
బెవ్వడనాది మధ్యలక్షు డెవ్వడు సర్వము దానయైనవాడు
డెవ్వడు వానినాత్మభవు నీశ్వరునే శరణంబు వేడెదన్.

ఆ. బహుధన ధాన్య సంగ్రము బాణాశరాసనయోధ వీరసం
గ్రహము నిరంతారాంతరుదకంములు ఘూసరసేంధ్ర సౌఘసం
గ్రహము ననేక యంత్రములు గల్గి యసాధ్యము లై ద్విషద్భయం
బహు లగుచుండ నొప్పనె భవత్పరిక్ష్యము లైనదుర్గముల్

2. ఈ క్రింది వానిలో మూడింటికి సందర్భసహిత వ్యాఖ్యలు వ్రాయుము 3 X 3 = 9 M

1. విశ్వము నిప్పుడు సంహరించెదన్.
2. వార్తమందు జగము వర్ధిల్లుఉన్నది.
3. కలదు కలండు నేడువాడు కలలోలేడో.
4. పురుషార్థమునకు హాని పుట్టకయునే.
5. చెప్పంగ వలయు దగియెడు బుద్ధుల్.
6. రాముడేరీతి లంకకు రాగలండు

3. ఈ క్రింది వానిలో ఏదైనా రెండింటికి లఘురూప సమాధానములు వ్రాయండి 2 X 4 = 8 M

1. రాజులు చేయకూడని దోషాలు?
2. విష్ణు వెన్నంటి వస్తున్న లక్ష్మిదేవి స్థితిని తెల్పండి?
3. దక్షుని కోసం వెదకుచూ ప్రమథనాథులు చేసిన పనులేవి?
4. తనను నిందించిన సీతను రావణుడు బెదిరించిన విధమెట్టిది?

4. ఈ క్రింది వానిలో ఏవైనా రెండింటికి వ్యాసరూప సమాధానములు వ్రాయండి 2 X 9 = 18 M

1. శ్రీమహావిష్ణువు గజేంద్రుని రక్షించిన విధానమును తెలుపుము?
2. నారదుడు ధర్మరాజునకు చెప్పిన విధానమును తెలుపుము?
3. ధౌమ్యుడు పాండవులకు చేసిన ధర్మోపదేశాన్ని వివరించండి.
4. ధక్షయజ్ఞం కథను గురించి వ్రాయండి?
5. సీతా రాజుల సంవాదాన్ని సంగ్రహంగా రాయండి.

SECTION-B

5. ఈ క్రింది వానిలో రెండింటికి సంధి విడదీసి సంధి పేరు తెలిపి సూత్రం వ్రాయండి 2 X 2 = 4 M

1. మహేశ్వరుడు 2. లతాంతము 3. వృద్ధోపసేవ
4. నాకేవి 5. తల్లిదండ్రులు 6. ఇట్లనిరి

6. ఈ క్రింది వానిలో రెండింటికి విగ్రహ వాక్యం, సమాసనామం రాయండి 2 X 2 = 4 M

1. రాజుపుత్రులు 2. విద్యాజ్వాల 3. కూరగాయలు 4. దశశిరములు

7. ఈ క్రింది అలంకారములో ఒకదానికి ఉదాహరణతో లక్ష్యలక్షణ సమన్వయం చేయండి 1 X 4 = 4 M

1). లాటాను ప్రాస ఆ). ఉపమాలంకారం

8. ఈ క్రింది వాటిలో ఒకదానికి గణవిభజన చేసి యతి ప్రాసలు గుర్తించి లక్షణములు వ్రాయండి. 1 X 4 = 4 M

1. కరణా సింధుఁడు శౌరివారి చరమున్ ఖండింపగా బంపెసం.
2. చంపకమాల (ఉదాహరణపూర్వక లక్ష్యలక్షణ సమన్వయము చేయండి.

Regd No:_____ Room No: 5

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I B.Com, B.Sc, BBA & BCA	Max Marks	: 75
Subject	: TELUGU	Pass Mark	: 30
Title of Paper	: General Telugu	Duration	: 3 Hrs
Paper Code	: R20TEL101	Paper Time	: 2pm-5pm
W.E.F	: 2020-21	Date	: 14.12.2023

పార్ట్ - ఎ

I.ఈ క్రింది పద్యాలలో ఒకదానికి ప్రతిపదార్థ తాత్పర్యములు వ్రాయుము 1X9=9మా

అ. ఉత్తమ మధ్యమాధమ నియోగ్యత బుద్ధి నెఱింగి వారిన
యుత్తమ మధ్యమాధమ నియోగములన్ నియమించితే నరేం
ద్రోత్తమ ! భృత్యకోటికి సమానముగా దగు జీతంబులు లా
యత్తము సేసి యిత్తె దయ నయ్యయి కాలము దప్పకుండగన్

లేదా

ఆ. ఎవ్వనిచే జనించు జగమెవ్వని లోపలనుండు లీనమై
యెవ్వని యందు డిందు బరమేశ్వరుడెవ్వరు మూలకారణం
బెవ్వడనాది మధ్యలయుడెవ్వడు సర్వము దానయైన వా
డెవ్వడు వాని నాత్మభవు నీశ్వరునే శరణంబు వేడెదన్

II.ఈ క్రింది వానిలో నాల్గింటికి సందర్భసహిత వ్యాఖ్యలు వ్రాయుము 4X3=12మా

1. అవశ్యము నెగ్గొనరించు సతడు శక్రుండైనను
2. వార్తయందు జగము వర్ధిల్లుచున్నది
3. ఏ గలుగ నీకు జనునే యలుగన్
4. నన్ను బన్పు దక్షు బట్టి తెచ్చెదన్
5. పురుషార్థమునకు హాని పుట్టకయున్నే
6. బ్రతికితిమి మీకరుణన్
7. కలడు కలండనెడు వాడు కలడో లేడో
8. భయం బెట్లో కదే యీశ్వరా

III. ఈ క్రింది వానిలో నాల్గింటికి లఘురూప సమాధానాలు వ్రాయుము 4X3=12మా

1. ఉద్యోగుల పట్ల రాజు వ్యవహరించవలసిన తీరును తెలపండి
2. రాజులు చేయకూడని దోషాలను తెలపండి
3. కోపముతో ఉన్న పరమేశ్వరునితో గణాధిపతులు యేమని చెప్పారు ?
4. దక్షుని కోసము వెదకుచూ ప్రమాదానాధులు చేసిన పనులేవి ?
5. ధౌమ్యుడు పాండవులకు ధర్మోపదేశం ఎందుకు చేశాడు ?
6. ధౌమ్యుని ఉపదేశం తరువాత ఏమి జరిగింది ?
7. విష్ణు వెన్నంటి వస్తున్న లక్ష్మీదేవి స్థితిని తెలపండి ?
8. గజరాజు ప్రాణరక్షణకై విష్ణు మూర్తిని వేడిన విధము .

IV. ఈ క్రింది వానిలో ఏవైనా మూడింటికి వ్యాసరూప సమాధానములు వ్రాయుము 3X8=24మా

1. నారదుడు ధర్మరాజునకు చెప్పిన రాజనీతిని సంగ్రహముగా తెలుపండి

2. దక్షయజ్ఞం పాశ్యభాగ కథను వ్రాయండి

3. ధౌమ్యుడు పాండవులకు చేసిన ధర్మోపదేశాన్ని వివరించండి

4. శ్రీ మహావిష్ణువు గజేంద్రుని రక్షించిన విధానమును తెలుపుము

5. దక్షయజ్ఞం ఆధారంగా నన్నెచోడుని కవితా వైభవాన్ని తెలుపండి

పార్ట్ - బి

V. అ) ఈ క్రింది వానిలో మూడింటికి సంధి విడదీసి సంధి పేరు తెలిపి సూత్రం వ్రాయండి 3X2=6మా

1. రాజాన్వయము 2. కోపోద్రేకము 3. ఎమ్మెయి

4. అభ్యంతరము 5. శతైకవృద్ధి 6. ఇట్లనిరి

ఆ) ఈ క్రింది వానిలో రెండిటికి విగ్రహవాక్యము, సమాసనామం వ్రాయండి 2X2=4మా

1. ధర్మార్థములు 2. కోపానలము

3. రాజగృహము 4. సహస్రాక్షుడు

ఇ) ఈ క్రింది అలంకారములలో ఒకదానికి ఉదాహరణతో లక్ష్యలక్షణ సమన్వయం చేయండి 1X4=4మా

1. లాటానుప్రాస 2. రూపకము

లేదా

క్రింది ఉదాహరణము నందలి అలంకారమును గుర్తించి లక్ష్యలక్షణ సమన్వయం చేయండి

అడిగెదనని కడువడిజను

నడిగిన దనుమగుడ నుడువడని నడయుడుగున్

ఈ) ఈ క్రింది పద్యపాదమును గణవిభజన చేసి యతిప్రాసలు గుర్తించి లక్షణములు వ్రాయుము 1X4=4మా

1. ఖురపద ఘట్టనన్ ధరణి గ్రుంగ ఫణీంద్రుడు నుగ్గునుగ్గుగా

లేదా

క్రింది ఛందస్సులో ఒక దానికి ఉదాహరణతో లక్ష్యలక్షణ సమన్వయం చేయండి

1. మత్తేభము 2. తేటగీతి

Room No: _____ Regd No (7)_____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class : I DEGREE(ALL GROUPS)
Subject : TELUGU
Title of Paper : GENERAL TELUGU
Paper Code : CBTEL101A
W.E.F : 2022-23

Max Marks : 75
Pass Mark : 30
Duration : 3Hrs
Time : 2pm - 5pm
Date : 14-12-2023

పార్ట్- 'ఎ'

1. ఈ క్రింది పద్యాలలో 'ఒకదానికి' ప్రతిపదార్థ తాత్పర్యములు వ్రాయుము. **1X8-8 మా**

అ. గంగ నిజాంగ దీప్తు లెసగం జనుదెంచి లతాంగి సంతతో
త్తుంగ పయోధరద్వితయ తోయరుహాయత చారునేత్ర ది
వ్యంగనయై ప్రతీప వసుధాధిపుశాల విశాల దక్షిణో
త్సంగమునందు మన్మథవశంబున నుండె గరంబు తీలతోన్

ఆ. ఓట యొకింతయేనియు సుయోధను చిత్తము నందు లేదునీ
మాటలఁ బోవునే దురభిమానము యెక్కడు పూనుఁ గాక య
చ్చోటన సంగరంబులగు చొప్పులు పుట్టిననైనఁ బాండవుల్
పోటున కిచ్చగింతురొకొ పోదురొకానలనుండ నచ్యుతా!

2. ఈ క్రిందివానిలో "అ-భాగం నుండి రెండింటికి", "ఆ-భాగం" నుండి రెండింటికీ సందర్భసహిత **2X3=6 మా**
వ్యాఖ్యలు వ్రాయుము.

అ-విభాగము

1. సాభిలాషుడై చూచె మహాభిషుండు
2. భూనాథ వీడు నీసూనుడనియె
3. నానలేమియని యాడరె లోకమువారు !
4. వీఱిడియైన మానిసికి వెండి వివేకము గల్గ నేర్చునే

ఆ-విభాగము

2X3=6 మా

1. దేవకార్యం తీర్చి వచ్చెద
2. విద్య నేర్చిన వాడు విప్రుడు
3. గతమంతా తడిసె రక్తమున
4. దాచేస్తే దాగని సత్యం

[P.T.O

3. గంగా శంతనుల వృత్తాంతాన్ని తెలపండి? **1×10= 10 మా**

లేదా

4. ద్రౌపది తన భంగపాటును కృష్ణునికి చెప్పిన విధమెట్టిది?

5. కన్యక వృత్తాంతం వివరించుము ? **1×10= 10 మా**

లేదా

6. దేశ చరిత్రలులోని శ్రీ శ్రీ అభ్యుదయ దృక్పథాన్ని వివరించండి?.

7.చింతల తోపు కథలోని వర్ణింపబడిన రైతుల కష్టనష్టాలను తెలపండి? **1×10= 10 మా**

లేదా

8.సావుకూడు కథలోని గ్రామీణ జీవిత చిత్రణ వ్రాయుము?

పార్ట్ - 'బి'

9. ఈ క్రింది వానిలో రెండు ప్రశ్నలకు లఘురూప సమాధానములు వ్రాయుము. **2x5=10 మా**

1. వశిష్ఠుడు అష్ట వసువులను శపించిన విధము తెల్పండి?
2. కృష్ణుడు ద్రౌపదిని ఓదార్చుతూ చెప్పిన మాటలేవి
3. సావుకూడు కథలో కరువును చిత్రించుము?
4. కన్యక రాజుతో ఏమని పలికినది?

10. ఈ క్రింది ఇవ్వబడిన సంధిరూపాలలో ఏవైనా రెండింటిని వీడదీసి, సంధికార్యములు వ్రాయుము. **2X2=4మా**

1.లతాంగి 2. ప్రత్యక్షము 3.అచ్చోటు 4. వృకోదరుడు.

11. ఈ క్రింది వానిలో "మూడు సమాసములకు" విగ్రహవాక్యములు వ్రాసి, వాటి పేరును తెలియచేయుము. **3×2 = 6మా**

1. గంగాతీరము 2.అధర్మము 3. దివ్యాంగన
4.పుణ్యచరిత్రుడు 5. తల్లిదండ్రులు 6. భరతవంశము

12. ఈ క్రింది వానిలో ఏవైనా "ఐదు పదాలను" సరిదిద్ది సాధు రూపాలను వ్రాయుము. **5X1=5 మా**

1.సంతనుడు. 2. ద్రుష్టి 3. శత్రువులు 4. సిక్ష
5.భావి 6.జనాబా 7.గాధ 8. బేదము
9.వూయల 10.ద్రౌపతి

(9)

Room No: _____ **Regd No**_____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I Degree(All Groups)	Max Marks	: 60
Subject	: English	Pass Mark	: 24
Title of Paper	: Course in Communication & Soft Skills	Duration	: 3Hrs
Paper Code	: R23ENG101	Time	: 2pm - 5pm
W.E.F	: 2023-24	Date	: 14-12-2023

(LISTENING SKILLS)

I .Answer any TWO questions from the following: **2X3=6M**

1. Explain different types of listening skills.
2. What are the major barriers of listening?
3. Explain the features of Effective Listening.
4. Write a note on the Process of Listening.

(PHONETICS)

II .Answer any THREE questions from the following: **3X4=12M**

1. Write IPA Consonants, Vowels and Diphthongs.
2. Explain Syllable and Syllabic Division.
3. Transcribe the following Phonetic words into Roman English
a) / θɔ:t / b) / ˈʌmpaɪə / c) / vɪʒn / d) / e̲dʒ /
4. Mark the stress for the following given words.
a) about b) engineer c) July d) refugee
5. Identify the tone (Intonation) for the following sentences.
a) Please sit down.
b) Are you hungry?
c) What a pleasant surprise!
d) Open the door.

(GRAMMAR)

III. A. Fill in the blanks with suitable words given brackets: **2X1=2M**

a) Neither my brothers nor my sister.....coming today. (is, are)
b) One of the boys .....finished the homework.(have, has)

B. Fill in the blanks with suitable Articles and Prepositions: **4X1=4M**

a) I saw.....elephant at the zoo.
b) John is.....European immigrant.
c) The movie starts.....7:30pm.
d) They have been together .....2020.

C. Fill in the blanks with verb forms given in brackets: **4X1=4M**

a) Ram ---------- (be) an actor.
b) She ---------- (read) the novel for 2 hours.
c) I ---------- (go) to market tomorrow.
d) India ----------(win) independence in 1947.

[P.T.O]

D. Add Question Tags for the following statements: **2X1=2M**

a) They won't be early,.....?

b) She won the award,.....?

(SPEAKING SKILLS)

IV. Answer any THREE questions from the following: **3X5=15M**

1. (a) Explain Formal and Informal greetings.

(OR)

(b) Introduce yourself to your new college mates.

2. (a) How do we seek information? Write any five forms of asking for information.

(OR)

(b) Write any five formal and informal forms of giving information.

3. What are the six leadership traits that Dr APJ Abdul Kalam discussed?

4. Who is Ann Nixon Cooper? What does Obama say about her?

5. (a) Write a conversation between a Producer and a Director agreeing a deal. (OR)

(b) Write a conversation of disagreement among friends about their vacation plan.

(SOFT SKILLS)

V. Answer any THREE questions from the following: **3X5=15M**

1. How is SWOT/SWOC useful for individuals and organizations?

2. What is Attitude and how to develop Positive Attitude?

3. What are the characteristic features of Emotional Intelligence?

4. Explain the qualities of a good Netiquette.

5. How to develop good Interpersonal Skills?

Reg No:_____ Room No: 11

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I B.Com.(ALL GROUPS)	Max Marks	: 60
Subject	: English	Pass Mark	: 24
Title of Paper	: A Course in Communication & Soft Skills	Duration	: 3 Hrs
Paper Code	: R20ENG101A	Paper Time	: 2pm – 5pm
W.E.F	: 2022-23	Date	: 13.12.2023

SECTION – A

I. Answer any FOUR questions from the following: **4 X 5 =20**

1. What are the barriers of listening?
2. Explain the characteristics of effective listening?
3. What are the different types of listening? Explain?
4. Write the correct spelling for the following words given below.

a) ˈʃɔːt b) /hɜːt/ c) ˈklɪə d) ˈtʃɜːtʃ

5. Mark stress for the following words given below.

a) television b) communication c) submit d) before

6. Identify the tone for the following sentences

a) Can I help you?

b) What are you doing?

c) Open the door?

d) What a beautiful scenery?

II. Answer any FOUR questions from the following: **4 x 5 = 20 M**

1.What are the benefits of SWOC analysis?

2.Define [redacted] attitude and write about its characteristics.

3.What are the ways to improve emotional intelligence?

4.What do you mean by interpersonal communication?

5.What is telephone etiquette? Explain.

6.Explain positive attitude in your words.

SECTION –B

I. Fill in the blanks with suitable verb forms. **4 x1=4M**

1.He_____the letter just now(post)

2.I_____you yesterday in the street(see)

3.They_____in Bombay since 1990(live)

4.When I saw her, she _____chess(play)

II. A. Fill in the blanks with suitable Articles. **2 x1=2M**

1.Ramya served_____ dinner at 8pm.

2.keerthi is _____ I.A.S officer

B. Fill in the blanks with suitable Prepositions. **2X1=2M**

1.The principal looked_____ the matter.

2.He is fond _____ music.

III. A. Fill in the blanks with suitable Modal Verb Forms. **2X1=2M**

1.One_____ respect one's country.

2._____ I come in sir?

B. Write question Tags for the following: **2X1=2M**

3.They have gone.

4. The film is not good.

IV. Rewrite the following as Directed. **4X1=4M**

1. Close the window (change the voice)

2. The postman delivers the letter (change the voice)

3." Have you finished your project?" Raju asked (change the speech)

4.David runs faster than Raju. (change to positive Degree)

v. Develop the ideas given below into a paragraph of 80 words. **4X1=4M**

Farmer in a village ____ had a hen _____ golden egg ____ farmer became rich by selling golden eggs _____ greedy _____ thought to get all eggs at a time _____ killed the hen ____ found no eggs.

(OR)

A. Identify the correctly spelt word from the following:

1. a) grammar b) grammer c) grameer
2. a) Regester b) Rigistar c) Register

B. Punctuate the following.

1.she said I am going home tomorrow.

2.oh what a beautiful flower

Regd No:_____ Room No:_____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I DEGREE(ALL GROUPS)	Max Marks	: 75
Subject	: ENGLISH	Pass Mark	: 30
Title of Paper	: A course in communication & soft skills	Duration	: 3 Hrs
Paper Code	: R20ENG101	Paper Time	: 2pm-5pm
W.E.F	: 2020-2021	Date	: 13.12.2023

SECTION – A

I. Answer any Three questions from the following **3 X 5 = 15 M**

1. What is the difference between Listening and Hearing?
2. What are the kinds of Listening? Mention any Three.
3. What are the Barriers to Effective Listening?
4. Write any five Characteristics of Effective Listening?

II.Answer any Three questions from the following. **3 X 5 = 15 M**

1. **Write the correct spelling for the following phonemic Transcription**
   a) /Keik/ b) / si:/ c) /Plei/ d) /tri:/ e) / d3^d3/
2. **Write Phonemic Transcription for the following words:**
   a) Pan b) bird c) thin d) van e) shine
3. **Mark stress for the following words given below:**
   a) Master
   b) Proper
   c) Nation
   d) Photo
   e) Village
4. **Identify the Tone for the following Sentences:**
   a) Shut your month.
   b) Will you come?
   c) Where is your car?
   d) How are you. ?
   e) Are you coming?

III.Answer the following:

1. **Filling in the blanks with suitable verb forms:** **4 X 1 = 4 M**
   a) One of my sisters _____ in Mumbai (live).
   b) The phone Rang while I _____ dinner (have).
   c) Pratap _____ T.V every day (watch).
   d) Most of the students _____ voted for Bhanu (has/have).

(P.T.O)

2. **Fill in the blanks with suitable articles (A, An (or) The):** **4 X 1 = 4 M**

   a) _____honest man is always respected.

   b) Sarojini Naidu was _____ great poet.

   c) _____ Idea can change your life.

   d) Madhu is _____ cleverest boy the class.

3. **Fill in the blanks with suitable prepositions:** **4 X 1 = 4 M**

   a) That is the bus he was waiting _____.

   b) He is superior _____ you.

   c) She jumped _____ the river.

   d) Arjun is a cousin _____ mine.

4. **Fill in the blanks with suitable Modal verb forms:** **2 X 1 = 2 M**

   a) _____ I help you? (can/may).

   b) _____ We go to Library? (shall/will).

5. **Write a question Tag for the following:** **2 X 1 = 2 M**

   a) She sings melodiously.

   b) I am not a Doctor.

6. **Re-write the following as directed:** **4 X 1 = 4 M**

   a) Gita gave me a gift (change the voice).

   b) Don't shout (change the voice).

   c) No other metal is as heavy as lead (change to superlative degree).

   d) Mumbai is one of the biggest cities in the world (change to positive).

IV. Answer the following questions:

i) **Identify the correctly spelt word from the following:** **2 X 5 = 10 M**

1. a) Grammar b) Grammer c) Gramer
2. a) department b) departmant c) deportment
3. a) advantage b) adventage c) advontage
4. a) cauffy b) coffee c) coffe
5. a) Memorandum b) Memorondum c) Memerondum

ii) **Develop the ideas given below into a paragraph of 100 words.**

A shepherd's son – father goes out – asks son to look after sheep – son naughty – shouts wolf – other shepherds run to help – no wolf - boy says it was a joke – they go away – after some Time – boy shouts again wolf – the shepherds come a second time – no wolf – they scold him and leave – wolf really comes – boy calls for help – non comes – wolf takes away sheep – father comes and shouts at the boy – moral.

V. Answer any Three questions form the following: **3 X 5 = 15 M**

1. Expand SWOC and explain its importance?
2. What is Positive Attitude and the role of Positive Attitude in determining Communication Skills?
3. Define Emotional Intelligence and explain its importance in our day-to-day Communication?
4. What is Telephone Etiquette and what are the barriers to Telephone Conversation?
5. Define interpersonal Skills and its main features

Room No: _____ Regd No (16) _____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I degree (all groups)	Max Marks	: 60
Subject	: Hindi	Pass Mark	: 24
Title of Paper	: Hindi	Duration	: 3Hrs
Paper Code	: R23HIN101	Time	: 2pm to 5pm
W.E.F	: 2022-23	Date	: 15/12/2023

SECTION-A

I. **निम्न लिखित प्रश्नों में से किन्ही पाँच प्रश्नों का उत्तर दीजिए ।** 5 x 4 = 20 M

1. मुक्तिधन कहानी के उद्देश्य पर प्रकाश डालिए ?
2. नीचे दिये गए शब्दों का वचन बदलिए ।
   1. रोटी 2. आँख 3. कपड़ा 4. टोपी
3. नीचे दिये गए शब्दों का लिंग बदलिए ।
   1. छात्र 2. पंडित 3. नायक 4. अभिनेता
4. काल कितने प्रकार के होते हैं ? उनका नाम भी लिखिए ।
5. 'आचार्य रामचंद्र शुक्ल' लेखक का परिचय लिखिए ।
6. 'चेतना' का चरित्र चित्रण कीजिए ?
7. नीचे दिये गए अंग्रेजी शब्दों को हिन्दी में लिखिए ।
   1. Advisor 2. Memorandum 3. Circular 4. Order
8. नीचे दिये गए हिन्दी शब्दों को अंग्रेजी में लिखिए ।
   1. निर्देशक 2. पहचान पत्र 3. अनुवादक 4. करार

SECTION - B

II. **निम्न लिखित प्रश्नों का उत्तर दीजिए ।** 5 x 8 = 40 M

9. 'मित्रता' पाठ का सारांश लिखिए ?

(अथवा)

10. बिंदा पाठ का सारांश लिखिए ?

11. 'और वह पढ़ गई' कहानी का सारांश लिखिए ?

(अथवा)

12. 'पुरस्कार' कहानी का सारांश लिखिए ?

13. काल - विभाजन के बारे में लिखिए ?

(अथवा)

14. भक्तिकाल की विविध शाखाओं पर परिचय दीजिए?

15. आचार्य की नौकरी के लिए किसी कालेज के प्रिन्सिपाल के नाम एक आवेदन पत्र लिखिए ?

(अथवा)

16. गर्मी की छुट्टियों के बारे में वर्णन करते हुए अपने मित्र को पत्र लिखिए ?

17. **उचित कारक चिह्न का प्रयोग कीजिए ।**

1. मैं ..... किताब पढ़ी ।
2. मैं भारत ..... निवासी हूँ ।
3. नल ..... पानी टपक रहा है ।
4. बिल्ली छत ..... बैठी है ।
5. देश ..... बलिदान दो ।
6. हम कलम ..... लिखते है ।
7. आप, रामू ..... दस रूपये दीजिए ।
8. राम ..... रावण ..... मारा ।

(अथवा)

शुद्ध कीजिए

18. 1. कलम जेब पर है
2. हम पाठशाला जाता है ।
3. मैं पाठशाला जाना चाहिए ।
4. उसने काम कर चुका ।
5. उसने क्या बोला ।
6. सीता ने चार आम खाया ।
7. राम ने गया ।
8. दशरथ की तीन रानियाँ थे ।

Regd No:_____ Room No: 18

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I B.Com, B.Sc, BBA, BCA	Max Marks	: 60
Subject	: Hindi	Pass Mark	: 24
Title of Paper	: General Hindi	Duration	: 3 Hrs
Paper Code	: R20HIN101A	Paper Time	: 2pm-5pm
W.E.F	: 2022-23	Date	: 14.12.2023

PART – A

I. निम्न लिखित में से किन्हीं पाँच प्रशनों का उत्तर दीजिए | **5X4 = 20M**

1. मुक्तिधन कहानी के उद्देश परं प्रकाश डालिए?
2. नीचे दिए गए पांच शब्दों का **वचन** बदलिए |

   1.सड़क 2. गाय 3. जाति 4. वीर
3. नीचे दिए गए पांच शब्दों का **लिंग** बदलिए |

   1.माता 2. बेटा 3. चाचा 4. सेवक
4. वाच्य किसे कहते हैं तथा उसके कितने प्रकार हैं?
5. महादेवी वर्मा का परिचय दीजिए?
6. बिन्दा के बाल्य जीवन की घटनाओं का उल्लेख कीजिए?
7. "लहनासिंह" का पात्र चरित्र चित्रण कीजिए?
8. साहित्य की महत्ता पाठ के लेखक का परिचय दीजिए?

PART – B

II. निम्न लिखित में से किन्हीं पाँच प्रशनों का उत्तर दीजिए | **5X8 = 40M**

9. "साहित्य की महत्ता " पाठ का सारांश लिखिए |

   अथवा

   " बिन्दा " पाठ का सारांश लिखिए |
10. "मुक्तिधन" पाठ का सारांश लिखिए |

    अथवा

    "जरिया " पाठ का सारांश लिखिए |
11. "नहीं यह तो गत आषाढ में चौदह की हो चुकी"- संदर्भ सहित व्याख्या कीजिए |

    अथवा

    ज्ञान राशि के संचित कोष ही का नाम साहित्य है - संदर्भ सहित व्याख्या कीजिए |
12. **विलोम शब्द लिखिए**

    1. अधिक 2. गुण 3. धर्म 4. पक्ष 5. दिन 6. उतार 7. जय 8. पाप

    अथवा

वाक्य शुद्ध कीजिए |

1.राम ने गया ।

2.दशरथ की तीन रानियाँ थी ।

3.मैं पिताजी की सेवा करना चाहिए ।

4.मैं बाजार जाता है |

13. शब्दों को वाक्यों में प्रयोग कीजिए |

1. अभिभावक 2. विरासत 3. भारत 4. सुधर जाना

अथवा

वाच्य बदलना

1. राम ने रावण को मारा।

2. लता गीत गाती है ।

3. मैं ने आम खाया।.

4. हम हिंदी सीखेंगे ।

Regd No:_____ Room No:20

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I Degree (ALL GROUPS)	Max Marks	: 75
Subject	: Hindi	Pass Mark	: 30
Title of Paper	: General Hindi	Duration	: 3 Hrs
Paper Code	: R20HIN101	Paper Time	: 2pm - 5pm
W.E.F	: 2020-21	Date	: 14.12.2023

SECTION – A

I. **किन्हीं दो अवतरणों की संदर्भ सहत व्याख्या कीजिए।** 2X10=20M

1. विश्वासपात्र मित्र जीवन की एक औषधी है।
2. शरीर का खाद्य भोजनीय पदार्थ है और मस्तिष्क का खाय साहित्या
3. मुन्नि ने चिंतित होकर कहा - अब मजूरी करके मालगुजारी भरनी पड़ेगी। हल्कू ने प्रसन्न मुख से कहा - रात की ठंड में यहाँ सोना तो न पड़ेगा।
4. पिता ने कहा हॉ ठीक है, वह दरवाजे पर मिल था
5. "नहीं यह तो गत आषाढ में चौदह की हो चुकी"

II.किसी एक **पाठ** का सारांश **विशेषताएं** के साथ **लिखिए?** **1X15=15M**

1. मित्रता 2. पूस की रात

III.किसी एक **कहानी** का सारांश **विशेषताएं** के साथ **लिखिए?** **1X15=15M**

1.मुक्तिधन 2. जरिया

IV.A) शुद्ध कीजिए **5X1=5M**

1. कलम जेब पर है |
2. वह पाठशाला जाता है।
3. राम रावण को मारा। |
4. रानी ने मुझ से बोला।
5. वह फिल्म देखा |

B) किन्ही पाँच के वाच्य बदलकर वाक्य फिर से लिखिए| **5X1=5M**

1. राम ने रावण को मारा | 2. राम पाठ पढ़ रहा हैं।
3. दक्षिण में चावल खाते हैं। 4. मैं ने आम खाया |
5. हम हिंदी सीखेंगे। 6. मैं दौड़ नहीं सकता।

C) किन्ही पाँच के लिंग बदलकर वाक्य फिर से लिखिए| **5X1=5M**

1. कवि 2. पंडित 3. पति 4. साला
5. दादा 6. नाना 7. छात्र 8. महोदय

D) किन्ही पाँच के वचन बदलकर वाक्य फिर से लिखिए| **5X1=5M**

1. पुस्तक 2. कमरा 3. रोटी 4. रात

5. कपड़ा 6. मोती 7. कवि 8 साड़ी

E) सूचन के अनुसार बदलिए| **5X1=5M**

1. मै स्टेशन गया | गाड़ी चली गयी | (जब – तब का प्रयोग करके दोनों वाकया को मिलाए)
2. उचित X (विलोम शब्द लिखिए)
3. सम्मान करना | (वाक्य प्रयोग कीजिए)
4. राम पाठ पढा | (ने प्रयोग कीजिए)
5. वह मुझ को विश्वास नहीं करता। (सही कारक चिन्ह से खाली जगह भरिए।)

Regd No:_____ Room No: 22

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I B.Com (COMP)/BCA/B.Sc/B.Voc	Max Marks	: 50
Subject	: Foundation Course	Pass Mark	: 20
Title of Paper	: Human Values & Professional Ethics	Duration	: 2 Hrs
Paper Code	: R20LSC102	Paper Time	: 2pm - 4pm
W.E.F	: 2020-21	Date	: 11.12.2023

SECTION – A

I. Answer any FOUR Of the following questions. **4X5=20M**

1. Need of Value Education.
2. Prosperity and Wealth.
3. Values.
4. Trust.
5. Respect.
6. Pre-Conditioning.
7. Natural Acceptance.
8. Professional Erl1ics.

SECTION – B

II. Answer any THREE Of the following questions. **3X10=30M**

9. Write about the Need for Value Education.
10. Explain in about the process of Self-Exploration.
11. Explain the importance of values for harmony in the Family.
12. What are the problems faced due to differentiation in relationships.
13. Explain the steps to promote harmony in the society.
14. What do you understand by competence Professional Ethics?

*****

Room No: _____ Regd No (23)

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I DEGREE(All Groups)	Max Marks	: 50
Subject	: English	Pass Mark	: 20
Title of Paper	: Communication Skills	Duration	: 2Hrs
Paper Code	: R23SDP102	Time	: 2 pm - 4 pm
W.E.F	: 2023-24	Date	: 11-12-2023

SECTION-A

I. Answer any THREE of the following Questions **3X5=15M**

1. What is Communication?

2. How to attend an Interview (before & after)?

3. How to get best of Group Discussion?

4. Discuss various types of communication?

5. Differentiate between Speech and Presentation?

SECTION-B

II. Answer any FIVE the following Questions **5X7=35M**

6. Discuss how communication can be made effective.

7. What are the barriers to effective communication? Explain.

8. Define the role of verbal communication in presentation?

9. Why audio-visual aids are used in presentation? Give examples.

10. Discuss the non-verbal aspects of presentation. How I can be proved?

11. What is interview? What are the various types of interviews?

12. What are the qualities of a participant that are assessed in Group Discussion?

13. Discuss the role of listening in communication. How listening skills can be improved?

Room No: _____ Regd No (24)

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I – SEMESTER END EXAMINATIONS

Class	: I B.A(Political Science)	Max Marks	: 60
Subject	: Political Science	Pass Mark	: 24
Title of Paper	: Perspectives of Indian Society	Duration	: 3Hrs
Paper Code	: R23PS102	Time	: 2pm - 5pm
W.E.F	: 2023-24	Date	: 18-12-2023

I. Answer ALL the following Questions **5 X 12 = 60 M**

SECTION – A - 1144

1. Write a note on Men in society.

(or)

2. Give a note on strengths and weakness of Individualism.
3. What are the different types of tourism.

(or)

4. Explain the concept of Yoga
5. Discuss the salient features of the Indian constitution.

(or)

6. Give a detail note on Philosophy of the Indian constitution.
7. Explain the salient features of Indian Economy.

(or)

8. What are the functions of R.B.I.

SECTION – B - 11441

9. Discuss E-mail Advantages and Disadvantages

(or)

10. Explain the Impact of computer on human behavior.

Room No: _____ **Regd. No:** (25)

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class : I Degree (Political Science)
Subject : Political Science
Title of Paper : Fundamentals of Social Sciences
Paper Code : R23PS101
W.E.F : 2023-24

Max Marks : 60
Pass Mark : 24
Duration : 3 Hrs
Time : 2.00PM-5.00PM
Date : 16/12/23

Answer ALL of the following questions **5 X 12 = 60M**

SECTION – A - 1143

1. Explain the meaning nature and scope of Social Studies

(Or)

2. Describe the methodologies fo Social Sciences.

3. Explain the concept and definitions Scope of History.

(Or)

4. Explain the different types of Histories

5. Explain the different types of Psychology.

(Or)

6. Explain the importance of Social Psychology.

7. Explain the definition, scope and importance of Economics

(Or)

8. Explain the meaning characteristics and scope of Microeconomics.

SECTION – B – 11431

9. Explain about block diagram of Computer

(Or)

10. Write about various types of Network.

Room No: _____ Regd No (26)

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I Degree(All Groups)	Max Marks	: 50
Subject	: Psychology	Pass Mark	: 20
Title of Paper	: Principles Of Psychology	Duration	: 2Hrs
Paper Code	: R23MDP101	Time	: 2 pm – 4 pm
W.E.F	: 2023-24	Date	: 13.12.2023

SECTION-A

I. Answer any FOUR of the following Questions **4X5=20M**

1. Scope of psychology

2. Attention

3. Neuron

4. Types of Motivation

5. Characteristics of Learning

6. Long-term Memory

SECTION-B

II. Answer any THREE the following Questions **3X10=30M**

7. Trace the origin of psychology

8. Give an account of the determinants of attention.

9. Describe in detail the cognitive theories of emotion.

10. Discuss the role of Classical Conditioning principles in learning.

11. Define Reinforcement. Give brief description of schedules of reinforcement.

Regd No:_____ Room No: 27

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I BBA	Max Marks	: 60
Subject	: Commerce	Pass Mark	: 24
Title of Paper	: Management Economics	Duration	: 3 Hrs
Paper Code	: R20BBA102A	Paper Time	: 2.00PM-5.00PM
W.E.F	: 2022-23	Date	: 16/12/23

SECTION – A

I. Answer any FIVE Of the following questions. **5X4=25M**

1. Definition of managerial economics.
2. Opportunity cost principle.
3. Shift in demand curve.
4. Factors effecting elasticity of demand.
5. Budget line.
6. Explicit cost and implicit cost.
7. Concept of production.
8. Macro economics.

SECTION –B

II. Answer ALL the following Questions. **5X8=40M**

9. Explain the applications of managerial economics.

(OR)

10. Explain the principles of managerial economics.

11. State and explain the law of demand and its expectations.

(OR)

12. Define elasticity of demand and explain the measures of elasticity of demand.

13. State and explain law of diminishing marginal utility.

(OR)

14. Explain the law of equi-marginal utility.
15. Explain the law of variable proportion.

(OR)

16. How is price determination of under perfect competition?

17. Explain the circular flow of Income.

(OR)

18. Explain the theory of Income and employment.

Room No: _____ Regd No 28

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Com(GEN,TP,COMP,LOG)	Max Marks	: 60
Subject	: Commerce	Pass Marks	: 24
Title of Paper	: Business Organisation & Management	Duration	: 3Hrs
Paper Code	: R20COM102A	Time	: 2PM to 5PM
W.E.F	: 2022-23	Date	: 16/12/23

SECTION-A

I. Answer any FIVE of the following questions **5X4 = 25M**

1. Trade and Business

2. Concept of Commerce

3. Private Company

4. Multinational Corporations

5. Articles of Association

6. Certificate of Incorporation

7. Top level Management

8. Planning

SECTION-B

II. Answer the ALL following questions **5X8=40M**

9. What are the factors influencing the choice of suitable form of organization

(OR)

10. Explain briefly about classification of Industry

11. What are the advantages and disadvantages of Sole trader

(OR)

12. Difference between private limited and public limited company

13. Explain about contents of Prospects

(OR)

14. What are the clauses of MOM

15. Explain about Henry Fayol's principals of Management

(OR)

16. Write about difference between administration vs management

17. What are the advantages and disadvantages of Planning

(OR)

18. What are the functions of Management

Room No: _____ Regd No: (29)

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I BBA	Max Marks	: 75
Subject	: Commerce	Pass Mark	: 30
Title of Paper	: Managerial Economics	Duration	: 3 Hrs
Paper Code	: R20BBA102	Time	: 2.00PM - 5.00PM
W.E.F	: 2020-21	Date	: 16/12/23

SECTION-A

I. Answer any FIVE of the following Questions **5X5=25M**

1. Definition of Managerial Economics
2. Opportunity Cost Principle
3. Measurement of Elasticity of Demand
4. Shift in Demand Curve
5. Budget Line
6. Consumer Equilibrium
7. Concept of Production
8. Macro Economics

SECTION-B

II. Answer ALL the following Questions **5X10=50M**

9. Explain the nature, scope and definitions of Managerial Economics.

(OR)

10. Explain the principles of Managerial Economics.

11. State and explain the Law of Demand.

(OR)

12. What are the factors effecting Elasticity of Demand?

13. State and explain Law of Diminishing Marginal Utility.

(OR)

14. State and explain Marginal Rate of Substitution.

15. State and explain Law of Variable Proportion.

(OR)

16. Explain the Law of Return to Scale.

17. Discuss about Theory of Income and Employment.

(OR)

18. Explain different National Income concepts.

Room No: _____ Regd No (30)_____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Com, BBA, BCA(Honours)	Max Marks	: 60
Subject	: Commerce	Pass Mark	: 24
Title of Paper	: Fundamentals Of Commerce	Duration	: 3Hrs
Paper Code	: R23COM101	Time	: 2pm to 5pm
W.E.F	: 2023-24	Date	: 16/12/23

Answer ALL the following Questions **5X12=60M**

SECTION – A - 1141

1. Explain the Role of Commerce in economic development

(OR)

2. Explain the functions of WTO

3. Explain the concepts of National Income

(OR)

4. Explain different types of price Elasticity of Demand?

5. Define Accounting? Explain the Objectives and Advantages of Accounting

(OR)

6. What are the concepts and conventions of Accounting

7. Define Tax? Explain different types of Tax

(OR)

8. Define GST? Explain Objectives of GST

SECTION – B - 11411

9. Explain about features of Wordpress

(OR)

10. How to developing a Simple Website

Room No: _____ Regd No (31) _____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Com, BBA, BCA(Honours)	Max Marks	: 60
Subject	: Commerce	Pass Mark	: 24
Title of Paper	: Business Organisation	Duration	: 3Hrs
Paper Code	: R23COM102	Time	: 2pm - 5pm
W.E.F	: 2023-24	Date	: 18.12.2023

I. Answer ALL the following Questions **5X12=60M**

SECTION – A - 1142

1. What are the Objectives of Business

(OR)

2. What is Trade? Explain the types of Trade

3. What are the advantages and disadvantages of Sole proprietorship

(OR)

4. Difference between private limited Company and public limited company

5. What are the factors that influence the Selection of plant location

(OR)

6. Write about the different types of plant layouts

7. What is Business Combination? Explain its Characteristics

(OR)

8. Discuss the merits and demerits of Rationalization

SECTION – B - 11421

9. Write about the Generations of Computer

(OR)

10. Explain various types of Networks.

Room No: _____ Regd No: (32)

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Com (TP)	Max Marks	: 60
Subject	: Commerce	Pass Mark	: 24
Title of Paper	: Income Tax-I	Duration	: 3 Hrs
Paper Code	: R20COMT103A	Time	: 2pm-5pm
W.E.F	: 2022-23	Date	: 18.12.2023

SECTION-A

I. Answer any FIVE of the following Questions **5X4=20M**

1. Agricultural Income
2. Classification of Incomes
3. Types of Incomes
4. Types of Provident Funds
5. Deductions u/s 24
6. Different types of Rents
7. HRA
8. Person

SECTION-B

II. Answer ALL the following Questions **5X8=40M**

9. What is Tax and what are its Objectives?

(OR)

10. Write the Constitutional Provisions of Taxation or write about the structure of Indian Tax System?

11. List out the exempted Income from Tax?

(OR)

12. Write the special provisions in respect of newly established Units in special economic zones?

13. How to determine Residential Status of Various Persons

(OR)

14. Smt. Sravani submitted the following details of income for the previous year 2019-20 Compute total income for the assessment year 2020-21 in the following situations. Her residential status is (1) Resident & ordinarily resident (2) Resident but not ordinarily resident (3) Non-Resident
    a. Share of Income from a Joint venture in India Rs.10,000
    b. Income from agriculture in Pakistan Rs. 20,000
    c. Salary received in India Rs. 9,800 But the services for the same were rendered in Iran.
    d. Income from business in Pakistan Rs. 10,000 and the income remitted to India
    e. Income accrued in India but received in Iran Rs. 10,000 . Write about types of Allowances?

[P.T.O]

15. What about types of Allowances?

(OR)

16. Smt. Pranathi is working as a Lecturer, her salary details are as follows:
Basic Pay Rs.18,000 P.M D.A Rs. 5,000 P.M HRA Rs. 3,500P.M
(She is living in her own house), Entertainment allowance Rs.1,000 P.M, Professional Tax paid by her Rs.175 P.M
Compute Income from Salary if she is working in a government college.

17. Write the exempted Incomes from House Property

(OR)

18. Sri. Vijay Vardhan is owing two house and from the following particulars, compute income from house property.

	HOUSE –I	**HOUSE –II**
Municipal Rental Value	1,25,000	1,50,000
Rent on Similar Building	2,75,000	2,10,000
Standard Rent	2,00,000	2,40,000
Actual Rental Value	1,80,000	2,25,000
Municipal Taxes	18,750	22,000
Interest on Loan taken to construct the House	50,000	14,000

From the above compute Income from House Property Vijay Vardhan for the A.Y.2016-17

Regd No:_____ Room No:_____ (34)

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I BBA	Max Marks	: 60
Subject	: Commerce	Pass Mark	: 24
Title of Paper	: Quantitative methods for managers	Duration	: 3 Hrs
Paper Code	: R20 BBA103A	Paper Time	: 2pm-5pm
W.E.F	: 2022-23	Date	: 18.12.2023

SECTION – A

I. Answer any FIVE Of the following questions. **5X4=20M**

1. What are the objectives of Statistics?
2. Explain about objectives of central tendency.
3. Write about dispersion with its objectives?
4. What is correlation? Explain its uses?
5. What is Regression? Explain its utility.
6. Explain various types of sets.
7. What are Venn Diagrams?
8. Explain various operations on Matrix.

SECTION –B

II. Answer ALL the following Questions. **5X8=40M**

9. What are the advantages and limitations of statistics.

(OR)

10. Draw a suitable diagram to present the following information.

	Selling price	Qt. Sold	Wages	Material	Misc.	Total
Factory X	400	20	3200	2400	1600	7200
Factory Y	600	30	6000	6000	9000	21000

11. Explain the objectives and properties of Dispersion.

(OR)

12. Calculate Median from the following.

X:	30-40	40-50	50-60	60-70	70-80	80-90	90-100
f:	8	19	63	80	47	16	7

13. Explain the advantages and disadvantages of correlation.

(OR)

14. From the following data compute Karl Pearson's co-efficient of correlation.

X	55	56	57	58	59	60	61
Y	59	62	60	56	60	59	57

15. Explain different types of progressions.

(OR)

16. If A={1,2,3,5}, B= {2,4,6,8}, C={3,4,6,8}, than prove that.

(i) A-(B U C)=(A-B) $\cap$ (A-C)

(ii) (A $\cap$ B) $\cap$ C = A $\cap$ (B $\cap$ C)

17. Explain various types of Matrices.

(OR)

18. Find 2A; 3B; A+B, A-B from the following Matrices.

$$A=\begin{bmatrix}1 & 2 & 5\\ 0 & 6 & 1\\ 3 & 5 & 2\end{bmatrix},\ B=\begin{bmatrix}-1 & 7 & 3\\ 2 & 8 & 4\\ -3 & -1 & 0\end{bmatrix}$$

Regd No:_____ Room No:_____ (36)

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I BCOM(GEN)	Max Marks	: 75
Subject	: Commerce	Pass Mark	: 30
Title of Paper	: Business environment	Duration	: 3 Hrs
Paper Code	: R20COMG103	Paper Time	: 2pm - 5pm
W.E.F	: 2020-21	Date	: 18.12.2023

SECTION – A

I. Answer any FIVE Of the following questions. **5X5=25M**

1. Write about Environment.
2. What is Environmental Analysis.
3. Write about Five Year plan.
4. Planning of Economic Condition.
5. What is Fiscal Policy.
6. Define Demonetisation.
7. Legal changes.
8. Write about Globalization.

SECTION –B

II. Answer ALL the following Questions **5X10=50M**

9. **(a)** What is Macro and Micro Dimensions of Business Environment?

(OR)

(b) Write about the significance of Environmental Analysis.

10. **(a)** Write about Nature and Structure of Economic Environment.

(OR)

(b) Explain the National Development council.

11. **(a)** Explain the objectives and Limitations of Monetary Policy.

(OR)

(b) Write about the New Industrial Policy

12. **(a)** Write about the Impact of GST on Legal changes.

(OR)

(b) Explain the social Responsibility of Business towards stakeholders.

13. **(a)**. Explain the role of WTO.

(OR)

(b). Write about the ASEAN in Globalisation.

Regd No:_____ Room No:_____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I B.Com (Gen,TP,Comp,Log), BBA & BCA	Max Marks	: 50
Subject	: COMMERCE	Pass Mark	: 20
Title of Paper	: Insurance Promotion	Duration	: 2 Hrs
Paper Code	: R20SDC102B	Paper Time	: 2pm to 4pm
W.E.F	: 2020-21	Date	: 12/12/2023

SECTION – A

Answer any FOUR Of the following questions. **4X5=20M**

1. Life Insurance.
2. Non-Life Insurance.
3. Health Insurance plans.
4. Insurance counseling.
5. Promoting customer Loyalty.
6. Dealing with customers.
7. Maintenance of Insurance.
8. IRDA.

SECTION –B

Answer any THREE the following Questions **3X10=30M**

9. Explain different types of Life Insurance Plans.
10. Define General Insurance and explain its features.
11. Write about contents of documents in Insurance policy.
12. Describe the various promotion methods of Insurance.
13. Describe about different ways to find out prospective customer.

(38)

Room No: _____ **Regd No**_____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I – SEMESTER END EXAMINATIONS

Class	: I B.Com, BBA, BCA	Max Marks	: 50
Subject	: Commerce	Pass Mark	: 20
Title of Paper	: Entrepreneurship	Duration	: 2Hrs
Paper Code	: R23SDPA101	Time	: 2pm to 4pm
W.E.F	: 2023-24	Date	: 12/12/2023

SECTION-A

I. Answer any FOUR of the following Questions **4X5=20M**

1. Define Entrepreneurship

2. Define the meaning of Start-up

3. Who is Entrepreneur

4. Idea generation

5. Project report

6. Tax Holiday

7. Rehabilitation Allowance

8. IDBI

SECTION-B

II. Answer any THREE of the following Questions **3X10=30M**

9. What are the Qualities of a successful Entrepreneur

10. Explain the classification of Entrepreneurs

11. Discuss about various project appraisal techniques

12. Explain various sources in developing business ideas

13. What are the functions of NABARD

Regd No:_____ (39) Room No:_____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I BBA	Max Marks	: 75
Subject	: COMMERCE	Pass Mark	: 30
Title of Paper	: PRINCIPLES OF MANAGEMENT	Duration	: 3 Hrs
Paper Code	: R20BBA101	Paper Time	: 2pm to 5pm
W.E.F	: 2020-21	Date	: 15/12/2023

SECTION – A

Answer any FIVE Of the following questions. **5X5=25M**

1. Characteristics of management.
2. Types of plans
3. Nature of Organizing
4. Line organization
5. Levels of managements
6. Communication
7. Motivation
8. Types of strategies

SECTION –B

Answer ALL the following Questions **5X10=50M**

9. Explain the principles recommended by Henry fayol to the modern managers.

(OR)

10. Discuss the trends and challenges of management in Global Scenario.
11. Define planning? Explain the steps involved in planning.

(OR)

12. What are the advantages and disadvantages of planning?
13. What are the advantages and disadvantages of Organization.

(OR)

14. Explain the advantages and disadvantages of Line and staff organization.
15. Define motivation? Explain about the Maslow's need hierarchy theory of motivation.

(OR)

16. Define Leadership? Explain the different styles of Leadership.
17. Explain differences between Formal and Informal Organization.

(OR)

18. Explain the process of communication.

Room No: _____ Regd No: _____ (40)

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Com (Gen, TP, Comp & Log)	Max Marks	: 60
Subject	: Commerce	Pass Mark	: 24
Title of Paper	: Fundamentals of Accounting	Duration	: 3 Hrs
Paper Code	: R20COM101A	Time	: 2pm to 5pm
W.E.F	: 2022-23	Date	: 15/12/2023.

SECTION-A

I. Answer any FIVE of the following Questions **5X4=20M**

1. Write about functions of Accounting

2. What is Debit note and Credit Note?

3. What is suspense account?

4. Need for preparation of BRS.

5. Explain about the Financial Statement.

6. What is Contra Entry?

7. Classification of Accounting.

8. Write about Error of Principle.

SECTION-B

II. Answer ALL the following Questions. **5X8=40M**

9. Explain in detail about accounting cycle.

(OR)

10. Enter the following transactions in the Journal of Nayar

2006		Rs.
Dec 1	Commenced business with cash	45,000
4	Purchased goods for cash	25,000
5	Paid for wages	500
9	Goods sold for cash	8,000
11	Purchased goods from Lalitha	7,000
15	Goods sold to Sekhar	5,000
23	Received cash from Sekhar	1,000
31	Paid office Rent	400
31	Paid Salaries	1,000

11. Write about various types of subsidiary books.

(OR) **[P.T.O]**

12. Enter the following transactions in the Cash Book with Cash, Discount and Bank Columns.

2001	
April 1	Balance of cash in hand Rs.1,400 , overdraft at bank Rs. 5,000
4	Invested further capital Rs.10,000 out of which Rs. 6,000 deposited in the bank
5	Sold goods for cash Rs.3,000
6	Collected from debtors of last year Rs.8,000 , discount allowed to them Rs. 200
10	Purchased goods for cash Rs.5,500
11	Paid to Ram Villas , our creditor Rs. 2,500 , discount allowed by his Rs. 65
13	Commission paid to our agent Rs. 530
14	Rent Paid Rs.50
14	Office furniture purchased from Kesav Rs. 200
14	Electricity charges paid Rs.10
16	Draw cheque for personal use Rs.700
17	Cash sales Rs.2,500
18	Collection from Atal Rs. 4,000 deposited in the bank on 19th April
19	Drew from the bank for office use Rs.500
22	Drew Cheques for petty cash Rs,.150
24	Dividend received by cheque Rs.50 , deposited in the bank on the same date

13. Explain the features and objectives of Trail Balance.

(OR)

14. Rectify the following errors by using suspense account:

a) Goods sold to Ramani Rs. 175 were not posted to account
b) Purchases book total was overcast by Rs. 400
c) Sales book total was undercast by Rs. 53
d) Purchases returns book total was undercast by Rs.16
e) Cash received from Govind Rs.111 was posted to his account as Rs.1,111
f) Cash Paid to Ranga Rs.770 was posted to his account Rs.170

15. What are the causes for the preparation of BRS.

(OR)

16. From the following particulars ascertain the bank balance as per cash book of Swamy as on 31st March, 2003

i) Credit balance as per pass book on 31.03.2003 Rs. 2,500
ii) Bank charges of Rs. 60 had not been entered in the cash book
iii) Out of the cheques Rs.3,500 paid into bank cheque of Rs. 1,000 was not yet credited by the banker
iv) Out of the cheque issued for Rs.4,500 , cheques of Rs. 3,800 only were presented for payment
v) A dividend of Rs.400 was collected by the banker directly but not entered in the cash book
vi) A cheque Rs.600 had been dishonoured prior to 31.03.2003 , but no entry was made in the cash book

17. Write about the need importance of Trading, Profit & Loss Account.

(OR)

[Continued to Next Page]

13. The following are the figures extracted from the books of Krishna Murthy on 30.09.2006

	Debit	Credit
	Rs.	Rs.
Capital		50,000
Plant and Machinery	20,000	
Furniture	11,500	
Sundry debtors and creditors	15,000	20,000
Bills Receivable and payable	10,000	5,000
Opening stock	20,000	
Purchases and Sales	60,000	90,000
Depreciation	1,200	
Outstanding Salaries		800
Salaries	10,000	
Wages	22,000	
Insurance	1,000	
Prepaid Insurance	100	
Carriage	400	
10% Loan		5,400
	1,71,200	**1,71,200**

Adjustments:

1. Write off Rs. 1,000 as bad debts and provide 5% on debtors for bad debts.

2. Closing stock was valued at Rs. 40,000.

3. Allow 10% Interest on capital.

Regd No:_____ Room No: 43

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I BCOM(GEN,TP,COMP&LOG)	Max Marks	: 75
Subject	: Commerce	Pass Mark	: 30
Title of Paper	: Fundamentals of accounting	Duration	: 3 Hrs
Paper Code	: R20COM101	Paper Time	: 2pm to 5pm
W.E.F	: 2020-21	Date	: 15/12/2023

SECTION – A

I. Answer any FIVE Of the following questions. **5X5=25M**

1. Write about functions of Accounting.
2. What do you know Accounting Classification ?
3. What is Debit Note and Credit Note?
4. Write about error of principle.
5. Define BRS.
6. Need for preparation of BRS.
7. Explain about the Financial Statements.
8. Write about the Users of Financial Statements.

SECTION –B

II. Answer ALL the following Questions **5X10=50M**

9. Explain in detail about Accounting Cycle.

(OR)

10 Journalise the following transactions.

2021	April. 1	Siva Ramakrihsna started business with Rs. 1,00,000 and other transactions are.
	April. 2	Purchase furniture for Cash Rs. 7,000
	April. 8	Purchase Goods for Cash Rs. 2,000 and for Credit Rs. 1,000 from Khalid Retails Store.
	April.14	Sold Goods to Khan Brothers Rs. 12,000 and Cash Sales Rs. 5,000
	April. 18	Owner withdrew of worth Rs. 2,000 for personal use.
	April. 22	Paid Khalid Retail Store Rs. 500
	April. 26	Received Rs. 10,000 from Khan Brothers
	April. 30	Paid Salaries Expenses Rs. 2,000

(P.T.O)

11 Write about the advantages and Petty Cash Books.

(OR)

12. Write up a three cash book for Zakir Khan & Co.

2021	May, 1	Cash in Hand Rs. 20,000 and Cash at Bank Rs. 15,500
	May, 7	Received cash from Riaz & Co. Rs. 190, Discount allowed Rs. 10.
	May, 12	Sales by cheque Rs. 1,000
	May, 15	Deposited cash Rs. 1,200 to bank account.
	May, 20	Paid to wages Shahzad Rs. 485, Discount received Rs. 15.
	May, 25	Received cheque from Slaman of Rs. 500 and deposited.
	May, 27	Paid to Hassan by Bank Rs. 300.
	May, 28	Mr. Ram directly deposited into bank Rs. 5,800
	May, 29	Paid for repairs Rs. 300
	May, 30	Commission received Rs. 3,500
	May, 31	Wages paid Rs. 400

13. Write about the features and objectives of Trial Balance.

(OR)

14 Rectify the following errors which are located in the books of Mr. Ahmed at end March, 2017

(i) Sale of old furniture for Rs. 2,000 treated as sale of goods.
(ii) Rs. 12,000 paid of salary to cashier Mr. Naveen, stands debited to his personal account.
(iii) An amount of Rs. 5,000 withdrawn by the proprietor for his personal use has been debited to trade expenses A/c.
(iv) Cash received from Mr. Bilal Rs. 300 was credited to Mr. Baber.
(v) Repairs made were debited to building account Rs. 100.
(vi) Rs. 1,000 received as interest was credited to commission account.
(vii) Rs. 5,200 paid for the purchase of typewriter was charged to office expenses account.

15. What are the causes for the preparation of BRS.

(OR)

16 On 30th June, 2020, bank column of the Cash Book showed balance of Rs. 12,000 but the pass Book showed a different balance due to the following reasons:

(i) Cheques paid into the bank Rs. 8,000 but out of these only cheques of Rs. 6,500 credited by bankers.
(ii) The receipt column of the Cash Book under cast by Rs. 200
(iii) On 29th June, a customer deposited Rs. 3,000 directly in the Bank Account but it was entered in the Pass Book only.
(iv) Cheques of Rs. 9,200 were issued of which Rs. 2,200 were presented for payment on 15th July.
(v) Pass Book shows a credit of Rs. 330 as interest and a debit of Rs. 60 as bank charge

Prepare Bank Reconciliation Statement as on 30th June, 2020

(Continue to next page)

17. Write about the need and importance of Trading Account.

(OR)

18. The Trail Balance shows the following balances as at 31st March, 2017

Dr. Balances	Rs.	Cr. Balances	Rs.
Purchases	60,000	Capital	1,13,075
Sales Returns	1,500	Sales	1,27,000
Plant and Machinery	90,000	Purchases Returns	1,275
Opening Stock	40,000	Discount Received	800
Discount Allowed	350	Sundry Creditors	20,000
Bank Charges	100	Bills Payable	5,000
Sundry Debtors	45,000		
Salaries	7,000		
Wages	10,000		
Freight In	1,000		
Freight Out	1,200		
Rent, Rates and Taxes	2,000		
Advertisement	2,000		
Cash at Bank	7,000		
	2,67,150		**2,67,150**

Closing Stock was valued at Rs. 35,000. Prepare Trading and Profit & Loss A/c for the year ended 31st March, 2017 and Balance Sheet as at that date.

Room No: _____ Regd No: 46

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I BBA	Max Marks	: 60
Subject	: Commerce	Pass Mark	: 24
Title of Paper	: Principles of Management	Duration	: 3 Hrs
Paper Code	: R20BBA101A	Time	: 2pm & 5pm
W.E.F	: 2022-23	Date	: 15/12/2023.

SECTION-A

I. Answer any FIVE of the following Questions **5X4=20M**

1. Levels of Management

2. Types of Plans

3. Nature of Organising

4. Communication

5. Quality Control

6. Characteristics of Management

7. Types of Strategies

8. Leaders vs Managers

SECTION-B

II. Answer ALL the following Questions **5X8=40M**

9. Is Management is an art, science and Profession? Explain?

10. Explain the Principles recommended by Henry Fayol to the Modern Managers?

11. What are the advantages & disadvantages of Planning?

12. Define Planning? Explain the steps involved in Planning?

13. Discuss the differences between Decentralisation and Delegation of Authority?

14. Explain why Conflicts occur in between Line and Staff Managers?

15. Define Leadership? Explain the different styles of Leadership?

16. Discuss the Barriers to effective Communication?

17. Define Controlling? Explain the Process of Controlling?

18. Write about the budgetary and Non- Budgetary Controlling Techniques?

(47)

Room No: _____ **Regd No:** _____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS

I – SEMESTER END EXAMINATIONS

Class : I B.Sc(Mat/Phy/Ele/Comp/Stat/Che/DS/AI) BCA, BBA & B.Com

Max Marks : 50

Subject : Mathematics

Pass Mark : 20

Title of Paper : Analytical Skills

Duration : 2 Hrs

Paper Code : R23SDPB101

Time : 2pm to 4pm

W.E.F : 2023-24

Date : 12/12/2023

SECTION-A

I. Answer any TEN questions from the following: **10X2=20M**

1. Find the odd man out of the series 3,5,9,11,14,17,21.

2. If a:b=5:9 and b:c=4:7, find a:b:c?

3. Find the missing number in the series 2,5,10,17,?,37.

4. Find the wrong number in the series 1 2 6 15 31 56 91.

5. B is the brother of D, D is the sister of F, M is the brother of F. How F is related to B ?

6. 15% of ? = 94.5.

7. 1425+8560+(1680/200)=?

8. Mohan brought bicycle for Rs.750/- and sold it for Rs.675/-. Find his loss percentage?

9. A car covers a certain distance in 15 hours at the speed 54 kmph. What is the distance covered by the car ?

10. Find the LCM of 28,35,56 and 84?

11. What is the angle between the two hands of clock. When the time is 5'o clock?

12. If $\frac{x}{4} - \left(\frac{(x-3)}{6}\right) = 1$. Then find the value of x.

13. If x:y=3:4, find 4x+5y:5x-2y.

14. Rajeev's age after 15 year's will be 5 times his age 5 year's back what is the present age of Rajeev ?

15. Find the HCF of $\frac{3}{16}, \frac{5}{12}, \frac{7}{8}$, ?

SECTION-B

II. Answer any FIVE questions from the following: **5X6=30M**

16. Subject (maximum marks recoded out of 100)

Students	Hindi	English	Maths	Social	Science	Sanskrit	PES
Anupama	85	95	87	87	65	35	71
Bhaskar	72	97	55	77	62	41	64
Charu	64	78	74	63	55	25	33
Deepak	65	62	69	81	70	40	50
Garima	92	82	81	79	49	30	61
Vishal	55	70	65	69	44	28	30

[P.T.O]

a) How many students have sored lowest marks in two or more subjects?

b) Who has scored the highest marks in all the subjects together.

c) What is the Deepak percentage of marks in all the subjects together.

d) What is the average percentage of marks obtained by all the students together in science?

e) Marks obtained by Charu in Hindi is what percent marks the Anupama got in Science Subject?

17. Find the sum of all the odd numbers up to 100.

18. What was the day of week on 16^{th} July 1776?

19. Find the angle between the hour hand and minute's hand of the clock when the time is 08:30?

20. One year ago, the ratio of Gaurav's and Sachin's age was 6:7 respectively. Four years hence, this ratio would become 7:8. How old is Sachin?

21. An article is sold at a certain price. By selling it at 2/3 of that prices one loses 10%. Find the again percent at original price?

22. A sum of Rs.800 amounts to Rs.920 in 3 years at simple interest. If the rate of interest is increase by 4%. What amount will Rs.800 become in 3 years?

23. Explain Divisibility rules?

24. Write about Pie-Chart?

25. The average of 14 girls and their teachers age is 15 years. If teachers age is excluded, then the average reduced by 1. What is the teachers age?

Regd No:_____ Room No: 49

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I B. Voc.(WT)	Max Marks	: 60
Subject	: Mathematics	Pass Mark	: 24
Title of Paper	: Discrete Mathematics	Duration	: 3 Hrs
Paper Code	: R20WSMAT101A	Paper Time	: 02:00 to 5:00
W.E.F	: 2022-23	Date	: 15/12/23

SECTION – A

I. Answer any FIVE Of the following questions. **5X4=20M**

1. Divide $x^2 + 2x^4 - 3x^3 + x - 2$ by $x^2 - 3x + 2$.
2. Simplify $(2t^2 + s)(3t^2 + 4s)$.
3. Simplify $\frac{x^2 - 3x + 2}{2 - x}$.
4. Find the value of $\frac{1+\sqrt{2}}{1-\sqrt{2}}$.
5. Find $\frac{(1+i)}{(3-i)}$.
6. Find $\frac{(5+3i)}{(2-2i)}$.
7. Add the algebraic expressions $2a^2bc - 2acb^2 + 5c^2ab$, $b^2ac - abc^2 - 3a^2bc$.
8. Find the LCM of $9x^4y^2$ and $12x^3y^3$.

SECTION –B

II. Answer ALL the following Questions. **5X8=40M**

9. Solve $\frac{2y^3+y^5-3y-2}{y^2-3y+1}$.

(OR)

10. Solve $\frac{3y^3+2y^4-4y^2+1}{y^2-2y+2}$.
11. Find the value of $(e^y + 1)(e^y - 1)(e^{2y} + 1)(e^{4y} + 1)(e^{8y} + 1)$.

(OR)

12. Simplify $(u + 2)(u - 2)(u^2 + 4)(u^2 + 16)$.
13. Evaluate $\frac{\sqrt{(0.004)^2\,(0.0036)}}{(120000)^2}$.

(OR)

14. Evaluate $\frac{4^{-1/2}.a^{2/3}.b^{-1/16}.c^{-3/2}}{8^{2/3}.a^{-1/3}.b^{-2/3}.c^{5/2}}$.
15. Find $\frac{2+\sqrt{3}+\sqrt{5}}{2+\sqrt{3}-\sqrt{5}}$.

(OR)

16. Find $\frac{4}{2+\sqrt{5}} + \frac{3}{5+2\sqrt{5}}$
17. Prove by mathematical induction that for all integers 'n' ,$1^2 + 2^2 + 3^2 + \cdots + n^2 = \frac{n(n+1)(2n+1)}{6}$

(OR)

18. Prove by mathematical induction that for all integers 'n', $1 + 2 + 3 + \ldots + n = \frac{n(n+1)}{2}$

Room No: _____ **Regd. No:** _____ (50)

I SEMESTER END EXAMINATIONS

Class	: I B.Sc(MPC, MPCS, MECS, MSCS, MCCS and IOT)	Max. Marks: 75	
Subject	: Mathematics	Pass Marks: 30	
Title of paper	: Differential Equations	Duration	: 3 Hrs.
Subject Code	: CBMAT101A	Time	: 2pm to 5pm
W.E.F	: 2018-19	Date	: 15/12/202

SECTION – A

I Answer any FIVE of the following questions. **5X5=25M**

1. Solve $(x^2 - ay)dx = (ax - y^2)dy$
2. Solve $xy\,dx - (x^2 + 2y^2)dy = 0$
3. Find the orthogonal trajectories of the family of rectangular hyperbolas $xy = a^2$ Where 0 is the parameter.
4. Solve $y = xP^2 + P$
5. Solve $\left(\frac{d^3y}{dx^3}\right) - \frac{3dy}{dx} + 2y = 0$
6. Solve $(D^3 - 7D + 6)y = e^{2x}$
7. Solve $(D^2 + D - 2)y = 2(1 + x - x^2)$
8. Solve $(D^2 - 2D + 1)y = x^2e^{3x}$

SECTION – B

II Answer ALL of the following questions. **5X10=50M**

9. Solve $(xy^3 + y)dx + 2(x^2y^2 + x + y^4)dy = 0$

(OR)

10 Solve $x\frac{dy}{dx} + y = y^2 \log x$

11 Show that the family of confocal conics $\frac{x^2}{a^2+\lambda} + \frac{y^2}{b^2+\lambda} = 1$ is self orthogonal, Where λ is is a parameter.

(OR)

12 Solve $y^2 \log y = xPy + P^2$.

13 Solve $\frac{d^2y}{dx^2} - (a + b)\frac{dy}{dx} + aby = e^{ax} + e^{bx}$

(OR)

14 Solve $(D^2 - 4D + 13)y = Sin3x\ Cos2x$

15 Solve $(D^2 - 4)y = xsinhx$

(OR)

16 $(D^4 + 2D^2 + 1)y = x^2cosx$

17 Solve $(D^2 + 1)y = Cosecx$ by the method of variation of parameters

(OR)

18 Solve $x^2\frac{d^2y}{dx^2} + 3x\frac{dy}{dx} + y = \frac{1}{(1-x)^2}$

---0---

Room. No: _____ **Regd. No:** _____ (51)

I SEMESTER END EXAMINATION

Class	: I BCA	Max Marks	:75
Subject	: Mathematics	Pass Marks	:30
Title of paper	: Discrete Mathematics	Duration	:3 Hrs
Subject Code	: CBCMAT 101A / R20WSDM101	Time	: 2pm to 5pm
W.E.F	: 2015-16	Date	: 15/12/2023

SECTION-A

Answer any FIVE of the following Questions. **5X5 = 25M**

1. Evaluate the following expression given.

   x=2, y=4, z=1/3, a=-1, b=1/2

   (i) $(y/x)^3 - 4(\frac{a}{b})^2 - \frac{x^y}{z^2}$

   (ii) $\frac{x^2(x+y)}{3x+4y}$

2. Find the factors of $6x^2 - 7x - 5$

3. Find $(5\ rst) - (2st^3 - 4rs^2 + 3s^2t)$

4. Find the value of $\frac{2x+1}{x(x+2)} - \frac{3}{(x+2)(x-1)}$

5. Find the G.C.F & L.C.M of $9x^4y^2, 12x^3y^3$

6. Find the value of $(0.125)^{1/3}, (0.25)^{-1/2}$

7. Find $\frac{4}{2+\sqrt{5}} + \frac{3}{5+2\sqrt{5}}$.

8. Find $\frac{1+i}{3-i}$.

SECTION-B

Answer ALL of the following Questions. **5X10 = 50M**

9. Perform the division of

   $2x^6 + 5x^4 - x^3 + 1$ by $-x^2 + x + 1$

(OR)

10 (i) Add the algebraic expressions

$2a^2bc - 2acb^2 + 5c^2ab$, $4b^2ac + 4bca^2 - 7ac^2b$,

$4abc^2 - 3a^2ba - 3ab^2c$, $b^2 - abc^2 - 3a^2bc$

(ii) Subtract xy-3yz+4xz from twice the sum of 3xy-4yz+2xz and 3yz-4zx-2xy.

11 Find the perfect square of

$4m^6n^6 + 32m^4n^4 + 64m^2n^2$

(OR)

12 (i) Find the L.C.M of $2^3.3^2(x-y)^3\ (x+2y)^2$,

$2^2.3^2(x-y)^2(x+2y)^3$, $3^2(x-y)^2(x+2y)$

(ii) Find the value of $(\mu-v)^3\ (\mu+v)^3$

P.T.O

Room No: _____ Regd No: 52

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Sc (MPC,MPCS, MECS, MSCS, MCCS)	Max Marks	: 60
Subject	: Mathematics	Pass Mark	: 24
Title of Paper	: Differential Equations	Duration	: 3 Hrs
Paper Code	: R20MAT101A	Time	: 02:00 to 05:00
W.E.F	: 2022-23	Date	: 15/12/22

SECTION-A

I. Answer any FIVE of the following Questions **5X4=20M**

1. Solve $\left(1 + e^{x/y}\right) dx + e^{x/y}\left(1 - \frac{x}{y}\right) dy = 0$.

2. Solve $x\frac{dy}{dx} + 2y = x^2 \log x$.

3. Find the orthogonal trajectories of the family of the curves $x^{2/3} + y^{2/3} = a^{2/3}$ where 'a' is a parameter.

4. Solve $(py + x)(px - y) = 2p$.

5. Solve $(D^3 + 1)y = 0$.

6. Solve $(D^2 - 5D + 6)y = e^{4x}$.

7. Solve $(D^2 + 4)y = x\cos 2x$.

8. Solve $[(1 + x^2)D^2 + (1 + x)D + 1]y = 4\cos.\log(1 + x)$.

SECTION-B

II. Answer ALL the following Questions **5X8=40M**

9. Solve $x^2 y\,dx - (x^3 + y^3)\,dy = 0$.

(OR)

10. Solve $x\frac{dy}{dx} + y = y^2 \log x$.

11. Show that the family of confocal conics $\frac{x^2}{a^2+\lambda} + \frac{y^2}{b^2+\lambda} = 1$ is self- orthogonal, where λ is a parameter.

(OR)

12. Solve $y + px = p^2x^4$.

13. Solve $(D^2 + a^2)y = \sec ax$.

(OR)

14. Solve $\frac{d^2y}{dx^2} + 4y = e^x + \sin 2x + \cos 2x$.

15. Solve $\frac{d^2y}{dx^2} - 6\frac{dy}{dx} + 13y = 8e^{3x}\sin 2x$.

(OR)

16. Solve $(D^4 + 2D^2 + 1)y = x^2 \cos x$.

17. Solve $(D^2 + 1)y = \operatorname{cosec} x$ by the method of variation of parameters.

(OR)

18. Solve $[(1 + 2x)^2 D^2 - 6(1 + 2x)D + 16]y = 8(1 + 2x)^2$.

Regd No:_____ Room No: 53

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I B.Sc. DS	Max Marks	: 60
Subject	: Mathematics	Pass Mark	: 24
Title of Paper	: Maths for Data Science	Duration	: 3 Hrs
Paper Code	: R20DSMAT101A	Paper Time	: 2pm to 5pm
W.E.F	: 2022-23	Date	: 15/12/2023

SECTION – A

I. Answer any FIVE Of the following questions. **5X4=20M**

1. Find the rank of the matrix $\begin{bmatrix}1 & 2 & 3\\ 2 & 1 & 0\\ 0 & 1 & 2\end{bmatrix}$.
2. Show that $A = \frac{1}{3}\begin{bmatrix}-1 & 2 & 2\\ 2 & -1 & 2\\ 2 & 2 & -1\end{bmatrix}$ is a orthogonal matrix.
3. Show that "0" is the eigen value of a matrix iff the matrix is singular.
4. Find the characteristic root of the matrix $\begin{bmatrix}a & h & g\\ 0 & b & 0\\ 0 & c & c\end{bmatrix}$.
5. Show that $x + y + z = 4, 2x + 5y - 2z = 3, x + 7y - 7z = 5$ are inconsistent.
6. Show that $x + 2y + z = 0, 3x + 4y + 4z = 0, 7x + 10y + 12z = 0$ are linearly dependent.
7. Find $\lim_{x\to 0} \frac{e^{\frac{1}{x}}}{e^{\frac{1}{x}}+1}$.
8. By using Lagrange's mean value theorem for $x > 0, x > \log(1+x) > \frac{x}{1+x}$ if $f(x) = \log(1+x)\ \forall x \in R$.

SECTION –B

II. Answer ALL the following Questions **5X8=40M**

9. Find the rank of the matrix $\begin{bmatrix}2 & -2 & 0 & 6\\ 4 & 2 & 0 & 2\\ 1 & -1 & 0 & 3\\ 1 & -2 & 1 & 2\end{bmatrix}$ reducing into normal form.

(OR)

10. If $A = \begin{bmatrix}3 & -3 & 4\\ 2 & -3 & 4\\ 0 & -1 & 1\end{bmatrix}$, then show that $A^{-1} = A^3$.

11. Find the characteristic roots and vectors of the matrix $\begin{bmatrix}8 & -6 & 2\\ -6 & 7 & -4\\ 2 & -4 & 3\end{bmatrix}$.

(OR)

12. State and prove Cayley – Hamilton theorem.

13. Solve $x_1 + 2x_2 + x_3 = 2, 3x_1 + x_2 - 2x_3 = 1, 4x_1 - 3x_2 - x_3 = 3, 2x_1 + 4x_2 + 2x_3 = 4$ equations are consistent.

(OR)

14. Solve Max $Z = 5x_1 + 3x_2$ subject to the constraints $x_1 + x_2 \leq 2, 5x_1 + 2x_2 \leq 10$ and $3x_1 + 8x_2 \leq 12$ and $x_1, x_2 \geq 0$ by Simplex method.

15. If f is continuous on [a, b], then prove that f attains its bounds atleast once in [a,b].

(OR)

16. Let $f: R \to R$ be a function such that $f(x) = \begin{cases} \frac{\sin(a+1)x + \sin x}{x}, & \text{if } x < 0 \\ c, & \text{if } x = 0 \\ \frac{(x+bx^2)^{\frac{1}{2}} - x^{\frac{1}{2}}}{bx^{\frac{3}{2}}}, & \text{if } x > 0 \end{cases}$

Determine the values of a, b, c for which the function is continuous at x = 0.

17. State and prove Rolle's theorem.

(OR)

18. State and prove Cauchy mean value theorem.

Regd No:_____ Room No: 55

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I BSC(MPC,MPCS,MECS,MCCS,MSCS)	Max Marks	: 75
Subject	: Mathematics	Pass Mark	: 30
Title of Paper	: Differential equations	Duration	: 3 Hrs
Paper Code	: R20MAT101	Paper Time	: 2pm to 5pm
W.E.F	: 2020-2021	Date	: 15/12/2023

SECTION – A

I. Answer any FIVE Of the following questions. **5X5=25M**

1. Solve the differential equation $\left(1+e^{\frac{x}{y}}\right)dx+e^{\frac{x}{y}}\left(1-\frac{x}{y}\right)dy=0.$
2. Solve $2xy\,dy-(x^2+y^2+1)\,dx=0.$
3. Solve $p^2-5p+6=0.$
4. Solve $(y-xp)(p-1)=p.$
5. Solve $(D^3+1)y=0.$
6. Solve $(D^2-5D+6)y=e^{4x}.$
7. Solve $(D^2+4D+4)y=x^3.$
8. Solve $(x^4D^3+2x^3D^2-x^2D+x)y=1.$

SECTION –B

II. Answer ALL the following Questions **5X10=50M**

9. Solve $x^2ydx-(x^3+y^3)dy=0.$

(OR)

10) Solve $x\frac{dy}{dx}+y=y^2logx.$

11) Show that the system of confocal conics $\frac{x^2}{a^2+\lambda}+\frac{y^2}{b^2+\lambda}=1$ is self orthogonal where a, b are arbitrary constants.

(OR)

12) Solve $p^2+2pycotx=y^2.$

13) Solve $(D^2-3D+2)y=\cos hx.$

(OR)

14) Solve $(D^2-4D+3)y=sin3x.cos2x$

15) Solve $(D^2+2D^2+1)y=x^2cosx.$

(OR)

16) Solve $(D^2-4D+4)y=8(x^2+e^{2x}+\sin 2x).$

17) Apply the method of variation of parameters to solve $\frac{d^2y}{dx^2}+y=cosec\,x.$

(OR)

18) Solve $x^2\frac{d^2y}{dx^2}-3x\frac{dy}{dx}+5y=x^2\sin(\log x).$

Room No: _____ Regd No: _____ (56)

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Sc (IOT)	Max Marks	: 75
Subject	: Mathematics	Pass Mark	: 30
Title of Paper	: Numerical Analysis	Duration	: 3 Hrs
Paper Code	: R20IOTMAT101	Time	: 2pm to 5pm
W.E.F	: 2020-21	Date	: 15/12/2023.

SECTION-A

I. Answer any FIVE of the following Questions **5X5=25M**

1. Find the Relative and Percentage error if $\frac{2}{3}$ is approximated to 0.667

2. Evaluate the sum $S = \sqrt{3} + \sqrt{5} + \sqrt{7}$ to four significant digits and find its absolute and relative errors.

3. Establish the iterative formula $x_{n+1} = \frac{1}{2}[x_n + \frac{N}{x_n}]$ to calculate the squareroot of N by newton – raphson method

4. Explain the Bisection Method

5. Construct a forward difference table from the following data and evaluate $\Delta^4 y_0$

X	0	1	2	3	4
Y	1	1.5	2.2	3.1	4.6

6. Find the missing term in the following table

X	0	1	2	3	4
Y	1	3	9	---	81

7. Construct the divided difference table from the following data

X	1	2	4	7	12
F(x)	22	30	82	106	216

8. State and prove Stirling's Formula for Central Difference.

SECTION-B

II. Answer the following Questions **5X10=50M**

9. If $U = \frac{5xy^2}{z^3}$ then find the relative maximum error in U, given that $\Delta x = \Delta y = \Delta z = 0.001$ *and* $x = y = z = 1$.

(OR)

10. Derive GENERAL ERROR FORMULA.

11. Find a real root of the equation $f(x) = x^3 - 2x - 5 = 0$ by Regula-Falsi Method.

(OR)

12. Find approximate root up to two decimal places of the equation $f(x) = x^3 - x - 1 = 0$ by Muller's method given that the root lies near to 1.

[P.T.O]

57

13. i) $(1+\mu^2\delta^2) = \left(\frac{\delta^2}{2}+1\right)^2$ ii) $\delta E^{\frac{1}{2}} = \Delta$

(OR)

14. i) $hD = \log(1+\Delta) = -\log(1-\nabla) = \sinh^{-1}(\mu\delta)$ ii) $\mu\delta = \frac{1}{2}(\Delta+\nabla)$

15. State and prove Newton's forward interpolation formula.

(OR)

16. Obtain Y_{30} by using Laplace Everett's formula from the following data

Y_{20}=2854, Y_{28}=3162, Y_{36}=7088, Y_{44}=7984.

17. State and prove Lagrange's interpolation formula.

(OR)

18. State and Prove Newton's divided differece interpolation formula.

6 C

Regd No:_____ Room No: (58)

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I BCA	Max Marks	: 75
Subject	: Mathematics	Pass Mark	: 30
Title of Paper	: Numerical and statistical methods	Duration	: 3 Hrs
Paper Code	: R20CMAT101	Paper Time	: 2pm to 5pm
W.E.F	: 2020-2021	Date	: 15/12/2023

SECTION – A

I. Answer any FIVE Of the following questions. **5X5=25M**

1. Find a real root of the equation $x^3 + x^2 - 1 = 0$ by iteration method.
2. Find a root of the equation $x^2 - 4x - 10 = 0$ using bisection method.
3. Solve the equation $3x + 2y + 4y = 7$, $2x + y + z = 7$, $x + 3y + 5x = 2$ by Gauss Jordan Method.
4. Find the eigen values of matrix $\begin{pmatrix} 1 & 2 & 3 \\ 0 & 2 & 3 \\ 0 & 0 & 2 \end{pmatrix}$.
5. Evaluate $\int_0^1 \frac{1}{1+x}\, dx$ by trapezoidal rule.
6. Evaluate $\int_0^4 e^x\, dx$ by simpson's $1/3^{rd}$ rule.
7. Explain the types of correlation.
8. State and Prove multiplicative theorem on probability.

SECTION –B

II. Answer ALL the following Questions **5X10=50M**

9) Find a real root of the equation $f(x) = x^3 - 2x - 5 = 0$ by Regula Falsi Method.

(OR)

10) Find the cube root of 12 by Newton Raphson Method.

11) Solve the equations $2x + y + z = 2$, $x + 3y + 2z = 2$, $3x + y + 2z = 2$ by L.U. Decomposition method.

(OR)

12) Find the eigen values and eigen vectors of the matrix $\begin{pmatrix} 6 & -2 & 2 \\ -2 & 3 & -1 \\ 2 & -1 & 3 \end{pmatrix}$.

13) Find the values of $\int_0^1 \frac{1}{1+x^2}\, dx$ by simpson's $1/3^{rd}$ rule and hence obtain the approximate value of π in each case.

(OR)

14) Find f(7.5) by newton;s backward formula from the table

X:	1	2	3	4	5	6	7	8
F(X):	1	8	27	64	125	216	343	512

(P.T.O)

(59)

15) Calculate mean and median of the following data.

C.I	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40
F	8	14	17	22	23	19	18	11

(OR)

16) Find the correlation coefficient to the following data.

X	1	3	4	5	7	8	10
F	2	6	8	10	14	16	20

17) State and Prove additional theorem on probability.

(OR)

18) State and prove Baye's theorem.

(15)

Regd No:_____ Room No:_____ (60)

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I BCA	Max Marks	: 60
Subject	: Mathematics	Pass Mark	: 24
Title of Paper	: Numerical and Statistical Method	Duration	: 3 Hrs
Paper Code	: R20CMAT101A	Paper Time	: 02:00 to 05:00
W.E.F	: 2022-23	Date	: 15/12/23

SECTION – A

I. Answer any FIVE Of the following questions. **5X4=20M**

1. Find a real root of the equation $x^3 + x^2 - 1 = 0$ by iteration method.
2. Using Newton Raphson method establish the iteration formula $x_{n+1} = \frac{1}{3}\left[2x_n + \frac{N}{x_n^2}\right]$ to calculate the cube root of N.
3. Solve the equations $6x + 3y + 2z = 6,\ 6x + 4y + 3z = 0,\ 20x + 15y + 12z = 0$ by Gauss elimination method.
4. Solve the equations $10x_1 + x_2 + x_3 = 6,\ x_1 + 10x_2 + x_3 = 6,\ x_1 + x_2 + 10x_3 = 6$ by Gauss seidel method.
5. Evaluate $\int_0^1 \frac{1}{1+x} dx$ by Trapezoidal rule.
6. Find $\frac{dy}{dx}$ at x = 1 from the table.

X	1	2	3	4	5	6
Y	1	8	27	64	125	216

7. Explain the types of correlation.
8. Find the probability of draw an ace or a spade from a pack of 52 cards.

SECTION –B

II. Answer ALL the following Questions. **5X8=40M**

9. Find a real root of the equation $f(x) = x^3 - 2x - 5 = 0$ by Regula falsi method.

(OR)

10. Find a real root of the equation $f(x) = x^3 - x - 11 = 0$ by Bisection method.
11. Solve the equations $2x + y + z = 2,\ x + 3y + 2z = 2,\ 3x + y + 2z = 2$ by LU decomposition method.

(OR)

12. Solve the equations $2x + y + z = 10,\ 3x + 2y + 3z = 18,\ x + 4y + 9z = 16$ by Gauss Jordan method.
13. From the following table of values of x and y obtain $\frac{dy}{dx}$ and $\frac{d^2y}{dx^2}$ at x=1.5.

X	1.5	2.0	2.5	3.0	3.5	4.0
Y	3.375	7.0	13.625	24.0	38.375	59.0

(61)

(OR)

14. Find the values of $\int_0^1 \frac{1}{1+x^2} dx$ by simpson's $\frac{1}{3}$ rule amd $\frac{3}{8}$ rule and hence obtain the approximate value of π in each case.

15. Calculate Mean and Median of the following data.

CI	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40
F	8	14	17	22	23	19	18	11

(OR)

16. Find the correlation coefficient of the following data.

X	1	3	4	5	7	8	10
F	2	6	8	10	14	16	20

17. State and Prove Baye's theorem.

(OR)

18. A,B,C are three horses in a race. The Probability of a A to win the race is twice that of B and probability of B is twice that of C. What are the probabilities of A,B,C to win the race.

Regd No:_____ Room No: (62)

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I.B.com(GEN)/TP,Log,BBM,B.Sc(MPC/CBZ)	Max Marks	: 75
Subject	: Computer Science	Pass Mark	: 30
Title of Paper	: Computer Fundamentals & Internet	Duration	: 3 Hrs
Paper Code	: CBICF101	Paper Time	: 02:00 to 05:00
W.E.F	: 2015-16	Date	: 20/12/15

SECTION – A

I. Answer any FIVE Of the following questions. **5X5=25M**

1. Explain about applications of computer.
2. Explain about Basic I/O devices.
3. Explain about characteristics of a computer.
4. Write any 5 functions in operating systems?
5. Write about Notepad and WordPad.
6. Explain about Wild Card Characters in DOS with examples.
7. Write about file Manager?
8. What is an E-mail? Explain how to send and receive an E-mail.

Section – B

II. Answer ALL the following Questions **5X10=50M**

9. Explain about block diagram of a computer?

(OR)

10. Explain in detail about Primary, Auxiliary and Cache Memory.
11. What is an operating system? Explain about types of operating systems.

(OR)

12. What is an operating system? Explain different functions of operating systems.
13. Write about DOS external commands.

(OR)

14. Explain in detail about DOS environment.
15. Draw and explain Desktop and its icons.

(OR)

16. Explain Accessories and its applications.
17. Explain the procedure to create E-mail.

(OR)

18. What is Internet? Explain the features of Internet.

****

Regd No:_____ Room No:(63)

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I B.Sc.(DS,IOT,BCA)	Max Marks	: 75
Subject	: Computer Science	Pass Mark	: 30
Title of Paper	: C Programming	Duration	: 3 Hrs
Paper Code	: IOTCP101/DSCP101/ITCP101/CBBCA102	Paper Time	: 2pm to 5pm
W.E.F	: 2019-20	Date	: 19/12/2023

SECTION – A

I. Answer any FIVE Of the following questions. **5X5=25M**

1. Explain Constants?
2. Explain Break Statement with Examples?
3. Explain continue statement?
4. Explain Strings?
5. Define array? Explain Initializing arrays?
6. Explain Character String?
7. Explain Pointers with example?
8. Explain different types of translators?

SECTION –B

II. Answer ALL the following Questions **5X10=50M**

9. Explain different types of Data Types in C?

(OR)

10. Explain the structure of C with Example?

11. Explain Call by Value with Example Program?

(OR)

12. Explain Call by reference with Example?

13. Write a program for Multidimensional Array.

(OR)

14. What is String? Explain String Handling Functions?

15. Explain Operations on pointers?

(OR)

16. Explain about Structure with Examples?

17. Explain File Opening modes?

(OR)

18. Explain File manipulating Functions?

Regd No:_____ Room No: 64

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I B.Voc (W&S, IT)	Max Marks	: 75
Subject	: Computer Science	Pass Mark	: 30
Title of Paper	: Computer Organisation	Duration	: 3 Hrs
Paper Code	: R20WSC0101/WSC0101/ITCO101	Paper Time	: 2pm to 5pm
W.E.F	: 2020-21	Date	: 19/12/2023

SECTION – A

I. Answer any FIVE Of the following questions. **5X5=25M**

1. Write a procedure for converting decimal to binary number system with an examples.
2. Explain about 1's complement.
3. Decimal number system to Hexa-decimal number system.
4. Explain about AND Gate.
5. Explain about D Flip-flop.
6. Explain about Half adder.
7. Explain about RAM.
8. Explain about Associative Memory.

SECTION –B

II. Answer ALL the following Questions **5X10=50M**

9. **(a)** Explain about Number system.

(OR)

(b) Write the procedure for converting Binary Number system to octal number system.

10. **(a)** Explain about NAND Gate, NOR gate.

(OR)

(b) Explain about Karnaugh Map with an example.

11. **(a)** Explain about SR Flip – Flop.

(OR)

(b) Explain about JK Flip – flop.

12. **(a)** Explain about 4x1 Multiplexer.

(OR)

(b) Explain about encoders.

13. **(a)** Explain about Auxiliary memory.

(OR)

(b) Explain about cache memory.

*****

Regd No:_____ Room No: 65

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I B.Voc. (WT)	Max Marks	: 60
Subject	: Computer Science	Pass Mark	: 28
Title of Paper	: Computer Organization	Duration	: 3 Hrs
Paper Code	: R20WSCO101A	Paper Time	: 2pm to 5pm
W.E.F	: 2022-23	Date	: 19/12/2023

SECTION – A

I. Answer any FIVE Of the following questions. **5X4=20M**

1. Explain Octal Number System with example.
2. Explain conversion Hexa Decimal system to Decimal Number System.
3. Explain 2's compliment.
4. Explain NAND gate with example.
5. Explain T-Flip-flop.
6. Explain Multiplexers.
7. Explain cache memory.
8. Explain types of ROMs.

SECTION –B

II. Answer ALL the following Questions. **5X8=40M**

9. Explain various Number Systems conversions with examples.

(OR)

10. Explain Arithmetic addition, Arithmetic Subtraction and Float pointing representation.
11. Explain Exclusive-OR and Exclusive –NOR gates with examples.

(OR)

12. Explain about Karnaugh map with an example.
13. Explain JK Flip flop.

(OR)

14. Explain about D- Flip flop.
15. Explain about encoder in detail.

(OR)

16. Explain Half Adder and Full adder with examples.
17. Explain about Memory Hierarchy with examples.

(OR)

18. Explain main memory, Auxiliary memory in detail.

Regd No:_____ Room No: 66

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I B.Com.(Computers)	Max Marks	: 75
Subject	: Computers Science	Pass Mark	: 30
Title of Paper	: Information Technology	Duration	: 3 Hrs
Paper Code	: R20COMC103	Paper Time	: 2pm-5pm
W.E.F	: 2020-21	Date	: 18.12.2023

SECTION – A

I. Answer any FIVE Of the following questions. **5X5=25M**

1. Explain characteristics of a computer.
2. Write about control panel.
3. Explain about computer virus.
4. Explain about mailing labels.
5. Explain spelling and Grammar in MS-word.
6. Explain about Auto fill option in MS-Excel.
7. Explain about validation in Excel.
8. Explain features of power point.

SECTION –B

II. Answer ALL the following Questions. **5X10=50M**

9. Explain about input and output devices.

(OR)

10. Explain about different types of Network topologies.

11. What is operating system? Explain different functions of operating system.

(OR)

12. Write about Dos internal and external commands.

13. Draw and explain components of MS word window.

(OR)

14. Explain about header and footer in MS word.

15. Explain different types of charts in MS-Excel.

(OR)

16. Explain various functions available in Excel.

17. Explain about different parts of a power point window.

(OR)

18. Explain about slide animation and transitions.

Regd No:_____ Room No:(67)_____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I B.VOC (WT) B.VOC (IT & ITes)	Max Marks	: 60
Subject	: Computers	Pass Mark	: 24
Title of Paper	: Computer fundamentals & MS Office	Duration	: 3 Hrs
Paper Code	: R20WSCSC101A	Paper Time	: 2pm-5pm
W.E.F	: 2022-2023	Date	: 18-12-2023

SECTION – A

I. Answer any FIVE Of the following questions. **5X4=20M**

1. Explain characteristics of computer.
2. Explain Applications of computer.
3. Explain any Five Auxiliary memory devices.
4. Define Software and Explain Explain types of software's.
5. Explain types of operating systems.
6. Explain find and Replace commands.
7. What booting ? Explain types of booting.
8. How to insert new slide in the presentation ?

SECTION-B

II. Answer ALL the following Questions **5X8=40M**

9. Draw and explain block diagram of computers.

(OR)

10. Explain different input and output devices
11. Explain different Number system.

(OR)

12. What is memory? Explain internal memory.
13. Define operating system and explain functions of operating system.

(OR)

14. What is DOS ? Explain different External Commands .
15. Draw and explain the MS-word window.

(OR)

16. Explain Graphics in MS-Word.
17. Explain the procedure to create power point presentation.

(OR)

18. Explain different types of functions available in Excel.

****

Regd No:_____ Room No: 68

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I B.Com.(Computers)	Max Marks	: 60
Subject	: Computer Science	Pass Mark	: 24
Title of Paper	: Information Technology	Duration	: 3 Hrs
Paper Code	: R20COMC103A	Paper Time	: 2pm - 5pm
W.E.F	: 2022-23	Date	: 18.12.2023

SECTION – A

I. Answer any FIVE Of the following questions. **5X4=20M**

1. Explain the Procedure for Creating E-MAIL ID?
2. Explain about Booting process.
3. Explain about computer virus?
4. Explain about find and replace in MS-Word?
5. Explain about Mailing Lables?
6. Explain about Auto Filling option in MS-Excel?
7. Explain Cell referencing techniques.
8. Explain how to insert objects in Presentation?

SECTION –B

II. Answer ALL the following Questions **5X8=40M**

9. Explain about Block Diagram of a computer?

(OR)

10. Write about Input and Output devices?

11. Explain types of operating system?

(OR)

12. Explain about windows operating system?

13. How to insert table in MS-Word?

(OR)

14. Explain about Mailing Lables.

15. Explain any 15 Function available in MS-Excel?

(OR)

16. How to insert a cell, row, column and worksheet in Excel?

17. Explain about slide animation and Transition?

(OR)

18. Explain different views in MS-Power point?

Regd No:_____ Room No: 69

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I BCA, B.Sc.(MPCS,MECS,MSCS,MCCS,DS)	Max Marks	: 75
Subject	: Computer Science	Pass Mark	: 30
Title of Paper	: Programming with c	Duration	: 3 Hrs
Paper Code	: R20BCA102/R20CSC101	Paper Time	: 2pm - 5pm
W.E.F	: 2020-21	Date	: 18.12.2023

SECTION – A

I. Answer any FIVE Of the following questions. **5X5=25M**

1. Explain different programming languages.
2. Explain the differences between while and do while.
3. What is recursion? Explain with example.
4. Write a program to swap two strings.
5. Explain different types of Arrays with syntax.
6. Differences between structure and union.
7. What is pointer? How to declare a pointer with example.
8. Explain f open ( ), f close ( ) functions in files.

SECTION –B

II. Answer ALL the following Questions. **5X10=50M**

9. Explain different data types available in 'C'.

(OR)

10. Explain different operators available in 'C'.

11. Explain different decision making statements.

(OR)

12. Define functions and explain the procedure to create user define function.

13. Write a program for Addition of two matrices.

(OR)

14. Explain about different string functions.

15. Explain Read and print student data using structure.

(OR)

16. Explain malloc ( ), calloc ( ) with example.

17. Write a program to create file.

(OR)

18. Write an example program using f write ( ) f read ( ).

Room No: _____ **Regd No** 79

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Voc(SD)	Max Marks	: 60
Subject	: Computer Science	Pass Mark	: 24
Title of Paper	: Fundamentals Of Computer Science	Duration	: 3Hrs
Paper Code	: R23BV102	Time	: 2pm - 5pm
W.E.F	: 2023-24	Date	: 18-12-2023

SECTION-A

I. Answer ALL the following Questions **5X12=60M**

1. Explain various Number Systems?

(OR)

2. Explain about 1's and 2's complements with examples?

3. Define the DeMorgan's Theorems?

(OR)

4. Define Logic Gate? Explain different types of Logic Gates with truth tables?

5. Explain the various Generations of computers?

(OR)

6. Explain various types of Programming Languages?

7. Explain various Input and Output devices?

(OR)

8. Define Memory? Explain types of Memories with an example?

9. Explain about Network Topologies?

(OR)

10. Explain the DOS Internal and External commands?

Room No: _____ Regd No: _____ (71)

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I BCA , B.Sc (MPCS, MECS, MSCS, MCCS, DS, IOT)	Max Marks	: 60
Subject	: Computer Science	Pass Mark	: 24
Title of Paper	: Programming With 'C'	Duration	: 3 Hrs
Paper Code	: R20CSC101A/R20BCA101A	Time	: 2pm-5pm
W.E.F	: 2022-23	Date	: 18.12.2023

SECTION-A

I. Answer any FIVE of the following Questions **5X4=20M**

1. Explain different programming languages?

2. Explain about I/O functions?

3. Explain different types of arrays with syntax?

4. What is recursion? Explain with an example?

5. Explain difference between structure and union?

6. Write a program to swap two strings?

7. Explain while loop with an example?

8. Explain about File pointer with an example?

SECTION-B

II. Answer ALL the following Questions **5X8=40M**

9. Explain about Algorithm and Flowchart with example?

(OR)

10. Explain the Structure of a C program?

11. Explain about call by value and call by address with example?

(OR)

12. Explain different looping statements?

13. Write about different string functions?

(OR)

14. Write a program for matrix multiplication?

15. Explain malloc(), calloc() functions with examples?

(OR)

16. Read and print student data using structure?

17. Explain different file handling functions?

(OR)

18. Write a C program using fread()and fwrite() functions?

Regd No:_____ Room No: (72)

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I BCA	Max Marks	: 60
Subject	: Computer Science	Pass Mark	: 24
Title of Paper	: Computer Fundamentals & Office Tools	Duration	: 3 Hrs
Paper Code	: R20BCA101A	Paper Time	: 2pm to 5pm
W.E.F	: 2022-23	Date	: 16/12/23

SECTION – A

I. Answer any FIVE Of the following questions. **5X4=20M**

1. Explain characteristics of computers.
2. Explain about computer Languages.
3. Explain about logical system architecture.
4. Explain Macro's in MS-word.
5. Explain features of MS-word.
6. Explain about spread sheets and formatting work sheets in MS-Excel.
7. Explain the features of MS-Excel.
8. What are the templates and how to use templates?

SECTION –B

II. Answer ALL the following Questions. **5X8=40M**

9. Explain block diagram of a Digital computer.

(OR)

10. What is Memory? Explain secondary storage devices.

11. Define software and Explain about various types of software.

(OR)

12. Define operating system and explain functions of an operating system.

13. Explain how to insert Header and Footer in MS-word.

(OR)

14. Explain the procedure of mail merge.

15. Explain about cell reference techniques.

(OR)

16. Explain different types of functions available in Excel.

17. Explain the features of MS-power point.

(OR)

18. Explain the procedure to create power point presentation.

Regd No:_____ Room No: 73

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I B.VoC (WT)	Max Marks	: 60
Subject	: Computer Science	Pass Mark	: 24
Title of Paper	: HTML & CSS	Duration	: 3 Hrs
Paper Code	: R20WSHC101A	Paper Time	: 2.00PM-5.00PM
W.E.F	: 2022-23	Date	: 16/12/23

SECTION – A

I. Answer any FIVE Of the following questions. **5X4=20M**

1. What is an HTML? How to create an HTML, document.
2. Explain properties and values in CSS.
3. Explain about the Attribute sector.
4. Explain about Alternative text and also explain how to resize an image.
5. What is a Form? Explain any two form elements.
6. Explain about Mark up tags in HTML.
7. Explain about CSS ID and Class
8. Write the differences between HTML & CSS.

Section – B

II. Answer ALL the following Questions **5X8=40M**

9. Explain about Basic Structure if HTML.

(OR)

10. Explain about Formatting tags in HTML.
11. What is CSS? Explain about the CSS styling.

(OR)

12. Explain about Box model in detail.
13. Explain about layouts in CSS.

(OR)

14. Write a HTML program to change the Back ground color.
15. Explain about Tables in details with example program.

(OR)

16. Explain about image tag with example.
17. What is an IFRAME? Explain about Iframe in details with example.

(OR)

18. What is the use of <form>tag, Mention all the elements in <input>tag with examples.

****

Regd No:_____ Room No: 74

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I B.Voc (W&S)	Max Marks	: 75
Subject	: Computer Science	Pass Mark	: 30
Title of Paper	: HTML & CSS	Duration	: 3 Hrs
Paper Code	: R20WSHC101/WSHC101	Paper Time	: 2.00PM-5.00PM
W.E.F	: 2020-21	Date	: 16/12/23

SECTION – A

I. Answer any FIVE Of the following questions. **5X5=25M**

1. What is an HTML? How to create an HTML document.
2. Explain about paragraphs tags in HTML.
3. Explain properties and values in CSS.
4. Explain about CSS ID and Class.
5. Explain about pseudo class and floating in CSS.
6. Explain about image sprites.
7. Explain about image labels.
8. What is a form? Explain any two form elements.

SECTION –B

II. Answer ALL the following Questions **5X10=50M**

9. Explain about basic structure of HTML.

(OR)

10. Explain about markup tags and Heading tags in HTML.
11. What is CSS? Explain about the CSS styling.

(OR)

12. Explain about table related tags and attributes with an example program.
13. Explain about layouts in CSS.

(OR)

14. Write a HTML program to change the Back ground color.
15. Explain in detail about image tag.

(OR)

16. Explain about tables in details with example program.
17. What is I Frame? Explain 1 Frame in detail in W vaith example.

(OR)

18. Explain about Radio Buttons.

*****

Room No: _____ Regd No: (75)

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I – SEMESTER END EXAMINATIONS

Class	: I BCA	Max Marks	: 75
Subject	: Computer Science	Pass Mark	: 30
Title of Paper	: Computer Fundamentals and Office Tools	Duration	: 3 Hrs
Paper Code	: R20BCA101	Time	: 2pm to 5pm
W.E.F	: 2020-21	Date	: 16/12/2023

SECTION-A

I. Answer any FIVE of the following Questions **5X5=25M**

1. Explain characteristics of computers.
2. Explain about logical system architecture.
3. What is an operating System? Explain about process Management.
4. Explain features of MS-Word.
5. Explain Macro's in MS-Word.
6. Explain find and replace options in MS-Excel.
7. Write about Spread sheets and Formatting worksheets in MS-Excel.
8. How to insert and delete slides in power point presentation.

SECTION-B

II. Answer ALL the following Questions **5X10=50M**

9. What is Computer? Explain block diagram of a digital computer.

(OR)

10. What is Memory? Explain secondary storage devices.

11. Define Software? Write about various types of software.

(OR)

12. Explain about Computer languages.

13. Draw and explain components of MS-Word windows.

(OR)

14. Write the procedure of mail merge.

15. Explain about creating, saving & editing a workbook.

(OR)

16. Explain different types of functions available in Excel.

17. Explain about Features and Uses of PowerPoint.

(OR)

18. Explain slide animation and transaction in power point.

Room No: _____ Regd No 76

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Voc(SD)	Max Marks	: 60
Subject	: Computer Science	Pass Mark	: 24
Title of Paper	: Introduction To C-Programming	Duration	: 3Hrs
Paper Code	: R23BV101	Time	: 2.00PM – 5.00PM
W.E.F	: 2023-24	Date	: 16/12/23

SECTION-A

I. Answer ALL the following Questions **5X12=60M**

1. Explain the Different types of Operators in 'c' language?

(OR)

2. Explain the Features of 'c' language?

3. Explain the control Structure's in "c' language?

(OR)

4. Explain about the Functions in 'c' language?

5. Explain about the String Handling Functions with examples?

(OR)

6. Write a program to perform Matrix Addition?

7. What is the difference between Structure and Union?

(OR)

8. What is a pointer? Explain how to declare pointers in 'c'?

9. Explain about various functions to read data from a file with examples?

(OR)

10. How to Accepting command Line Arguments with example program?

Room No: _____ Regd No: _____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Com (Gen ,TP, Log), BBA, B.Sc (MPC, CBZ)	Max Marks	: 50
Subject	: Computer Science	Pass Mark	: 20
Title of Paper	: Computer Applications	Duration	: 2 Hrs
Paper Code	: R20LSC101	Time	: 2pm – 4pm
W.E.F	: 2020-21	Date	: 11.12.2023

SECTION-A

I. Answer any FOUR of the following Questions **4X5=20M**

1. Define computer and Explain characteristics of computers.

2. Explain about system software.

3. Write about recycle bin.

4. Explain cut, copy and paste.

5. Write the procedure to print a document.

6. How to insert header and footer to a document?

7. List the views in power point.

8. Explain sort option in MS-Excel.

SECTION-B

II. Answer any THREE of the following Questions **3X10=30M**

9. Explain computer with its block diagram.

10. Draw and explain MS-Word window.

11. Write the procedure of mail merge.

12. Explain different types of charts in MS-Excel.

13. Write the procedure to create a presentation in power point

Regd No:_____ Room No: 78

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I B.Sc (MPC, MPCS)	Max Marks	: 75
Subject	: Physics	Pass Mark	: 30
Title of Paper	: Mechanics, Waves & Oscillations	Duration	: 3 Hrs
Paper Code	: R20PHY101	Paper Time	: 2pm to 5pm
W.E.F	: 2020-21	Date	: 16/12/2023

SECTION –A

I. Answer ALL the following Questions **5X10=50M**

1. Derive Rutherford scattering formula.

(OR)

2. Deduce an expression for angular processional velocity of a spinning top.
3. State Kepler's laws of planetary motion. Derive the Kepler's first law.

(OR)

4. Deduce the equation of motion of a body under the action of central force.
5. State postulates of special theory of relativity. Derive Lorentz transformation equations.

(OR)

6. Describe Michelson Morley Experiment with necessary theory.
7. Describe the equation of motion of damped harmonic oscillator and find its solution under different conditions.

(OR)

8. Derive expression for normal mode frequencies of 2-coupled oscillators.
9. Derive an expression for the velocity of a transverse wave in a stretched string.

(OR)

10. Explain the method of production of ultrasonics using piezo electric method.

SECTION – B

II. Answer any THREE Of the following questions. **3X5=15M**

11. Explain Multistage Rocket.
12. Write a short note on Global Positioning System (GPS).
13. Obtain the wave equation for N-coupled Oscillator.
14. Deduce mass –energy relation. Write any two of its verification.
15. Explain the detection of ultrasonics.

(P.T.O)

SECTION – C

III. Answer any THREE Of the following questions. **2X5=10M**

16. A ballet dancer spins about a vertical axis at the rate of 1 revolution per second with her arms out stretched. When her arms folded, her moment of inertia about the vertical axis decreases by 60%. Calculate the new rate of revolution.

17. A spring is stretched by 8 cm by a force of 10 N. Find the force constant of the spring.

18. Find the period of revolution of Mars, Given that the major axis of Mars is 1.5237 times that of the earth.

19. A rocket ship is 100m long on the ground. When it is in flight, its length is 99m to an observer on the ground. What is its speed?

20. A Piezo electric x – cut crystal gas thickness 0.003 m. If velocity of sound in crystal is 5750 m/sec. Calculate the fundamental frequency of crystal.

*****

Room No: _____ Regd No (80)_____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Sc(MPC,MPCS)	Max Marks	: 60
Subject	: Physics	Pass Mark	: 24
Title of Paper	: Mechanics, Waves & Oscillations	Duration	: 3Hrs
Paper Code	: R20PHY101A	Time	: 2.00PM-5.00PM
W.E.F	: 2022-23	Date	: 16/12/23

SECTION-A

I. Answer any FIVE of the following Questions **5X4=20M**

1. Explain about multistage rocket.

2. Prove that a central force is conservative.

3. Explain time dilation.

4. Explain relaxation time and Q- factor

5. State the laws of transverse vibrations of stretched strings.

6. Thickness of a piezo electric crystal is 0.002 m. Velocity of sound wave in the crystal is 5750 m/sec. Calculate its fundamental frequency?

7. If the earth be one-half of its present distance from the sun. What will be number of days in a year?

8. The frequency of a tuning fork is 300 Hz. If its quality factor Q is $5X10^4$, find the time after which its energy becomes (1/10) of its initial value?

SECTION-B

II. Answer ALL the following Questions **5X8=40M**

9. Explain the motion of system of variable mass. Derive the expression for final velocity of rocket.

(OR)

10. Derive the Euler's equations of rotational motion for a rigid body fixed at one end.

11. State Kepler's laws of planetary motion. Derive the Kepler's first law.

(OR)

12. Deduce the equation of motion of a body under the action of central force.

13. State postulates of special theory of relativity. Derive Galilean transformation equations.

(OR)

14. Describe Michelson-Morley experiment and explain the physical significance of the 'negative result'

15. What is damped harmonic oscillator? Describe the equation of motion of damped harmonic oscillator and find its solution.

(OR)

16. Derive expression for normal mode frequencies of N-coupled oscillators.

17. Derive an expression for the velocity of a transverse wave in a stretched string.

(OR)

18. Explain the method of production of ultrasonics using piezoelectric method.

Room. No: _____ Regd. No: _____

(81)

I SEMESTER END EXAMINATIONS

Class	: I B.sc (MPC,MPCS)	Max Marks	: 75
Subject	: Physics	Pass Marks	: 30
Title of paper	: Mechanics & Properties of Matter	Duration	:3hrs
Subject Code	:CBPHY101A	Time	:2pm to 5pm
W.E.F	: 2018-2019	Date	: 16/12/2023

SECTION-A

1.Answer ALL of the following questions **5X10=50M**

1. Define Scalar and Vector fields and give examples. Explain the gradient of scalar and its physical significance.

(OR)

2. Explain Curl of a Vector field. State and Prove Stokes theorem.

3. Explain in detail elastic collision in two dimensions. Distinguish between elastic and inelastic collision

(OR)

4. Define impact parameter. Derive an expression for Rutherford's scattering cross section.

5. Derive the Eulers equations of rotational motion for a rigid body fixed at one end.

(OR)

6. Define the three elastic modulii and obtain the relation between them.

7. Define Central force. Derive the equation of motion for a body under Central force.

(OR)

8. State Kepler's laws of motion. Deduce Kepler's first law of planetary motion.

9. Describe the Michelson-Morley experiment and discuss result.

(OR)

10. State Postulates of special theory of relativity. Derive Lorentz transformation equations.

SECTION-B

Answer any THREE of the following questions **3X5=15M**

11. State and prove Gauss theorem of divergence
12. Explain motion of variable mass system.
13. Classify different types of beans.
14. Show that central force is conservative in nature.
15. Derive an expression for Length Contraction.
16. Explain working of Gyroscope

SECTION-C

Answer any TWO of the following questions **2X5=10M**

17. A rocket of mass 40kg has got a fuel of mass 360kg inside it. The exhaust velocity of fuel is 2km/s. The fuel is burning at the rate of 4kg/sec. Find the final velocity of rocket.
18. Calculate poisson's ratio for silver. Given its Young's Modulus=$7.25 \times 10^{10} N/m^2$ and bulk Modulus=$11 \times 10^{10} N/m^2$.
19. If the earth be one-half of its present distance from the Sun. What will be the number of days in a year.
20. A clock Showing correct time when at rest, loses one hour in a day when it is moving. What is its velocity.

Regd No:_____ Room No: (82)

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I B.Sc.(MPC, MPCS)	Max Marks	: 50
Subject	: Physics	Pass Mark	: 20
Title of Paper	: Electrical Appliances	Duration	: 2 Hrs
Paper Code	: R20SDC101	Paper Time	: 2pm to 4pm
W.E.F	: 2020-21	Date	: 12/12/2023

SECTION – A

I. Answer any FIVE Of the following questions. **5X4=20M**

1. Explain the terms Voltage and Current.
2. Write a short on the ammeter.
3. Define Earthing and write its necessity.
4. Explain the terms MCB & ELCB.
5. Write a short on LED lights.
6. Write a short note on IS and IE codes.
7. Define electric fuse and explain its working.
8. Explain the first AID process for Electrical shock.

SECTION –B

II. Answer ALL the following Questions. **3X10=30M**

9. Explain series and parallel combination of resistance.
10. Explain various steps for House wiring.
11. Explain the principle, working and parts of Refrigerator.
12. Explain the principle, construction and working of Galvanometer.
13. Explain the parts and working of Electric bulb.

Regd No:_____ Room No:(83)_____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I B.Sc.(CBZ,MPC,MCCS)	Max Marks	: 75
Subject	: Chemistry	Pass Mark	: 30
Title of Paper	: Inorganic & physical Chemistry	Duration	: 3 Hrs
Paper Code	: R20CHE101	Paper Time	: 2pm to 5pm
W.E.F	: 2020-21	Date	: 19/12/2023

SECTION – A

I. Answer any FIVE Of the following questions. **5X5=25M**

1. Write the preparation and draw the structure of Borazine.
2. Explain the preparation & structures of Phosphonitrilic compounds.
3. Write a note on free electron theory.
4. Write the catalytic properties of d-block elements.
5. Write various types of unit Cells.
6. Write the applications of Liquid Crystal.
7. Explain common ion effect.
8. What are azeotropes.

SECTION –B

II. Answer ALL the following Questions. **5X10=50M**

9. Explain the classification and preparation of Silicones.

(OR)

10. Explain the structures of AX_5 & AX_7 type of interhalogen compounds.

11. What is lanthanide contraction and write the consequences of lanthanide contraction.

(OR)

12. Explain about Conductors, Semiconductors & Insulators using Band Theory.

13. Write an essay on Crystal defects.

(OR)

14. Derive Bragg's equation.

15. Derive the relationship between Critical constants & Vander Waal's constants.

(OR)

16. Explain the classification of Liquid Crystals into Smectic and Nematic.

17. Explain Nernst distribution Law. Explain its applications.

(OR)

18. Define critical solution temperature and explain it for phenol water system.

Regd No:_____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I B.Sc (MPC, MCCS, CBZ)	Max Marks	: 75
Subject	: Chemistry	Pass Mark	: 30
Title of Paper	: Inorganic & Organic Chemistry	Duration	: 3 Hrs
Paper Code	: CBCHE101	Paper Time	: 2pm to 5pm
W.E.F	: 2015-16	Date	: 19/12/2023

SECTION – A

I. Answer any FIVE Of the following questions. **5X5=25M**

1. Write any one preparation and two properties of Hydroxyl amine.
2. Write short note on Pseudo halogens.
3. Explain the classification of Organometallic compounds.
4. Define and explain Bond fission.
5. What are Dienes? Write about 1,2 and 1,4 addition of HBr to 1,3 – butadiene.
6. Explain Hyper conjugation with example.
7. Write the conformational structures of Cyclobutane and Cyclohexane.
8. Write short note on ring activating and deactivating groups.

SECTION –B

II. Answer ALL the following Questions **5X10=50M**

9. **(a)** Write any two preparations of Diborane. Explain the structure of Diborane.

(OR)

(b) What are Inter halogen compounds? Explain the structures of BrF_5 and IF_7.

10. **(a)** Explain the classification of oxides based on
(i) Oxygen content and (ii) Chemical behavior.

(OR)

(b) What are organometallic compounds? Write one method of preparation and any three synthetic applications of ethyl magnesiumbromide (C_2H_5 Mg Br).

11. **(a)** Explain different types of organic reactions with suitable examples.

(OR)

(b) What is meant by Inductive effect? Explain its applications.

12. **(a)** Write any two preparation methods for Acetylene. How does Acetylene reacts following. (i) HX (ii) H_2O and (iii) Polymerisation

(OR)

(b) Write any two methods of preparations of Cyclo alkanes. Explain Bayer's strain theory for the stability of Cyclo alkanes.

13. **(a)** Explain following reactions of Benzene with mechanism (a) Nitraion (b) Friedel Craft's alkylation.

(OR)

(b) Explain the Huckel's concept of aromaticity with necessary examples.

*****

Regd No:_____ Room No:_____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I B.Sc.(CBZ,MPC,MCCS)	Max Marks	: 60
Subject	: Chemistry	Pass Mark	: 24
Title of Paper	: Inorganic Physical Chemistry	Duration	: 3 Hrs
Paper Code	: R20CHE101A	Paper Time	: 2pm To 5pm
W.E.F	: 2022-23	Date	: 19/12/2023

SECTION – A

I. Answer any FIVE Of the following questions. **5X4=20M**

1. Write the preparation and draw the structure of Borazine.
2. Write the magnetic properties of d-block elements.
3. Define Space lattice and lattice point.
4. Write the applications of Liquid Crystal.
5. What are azeotropes?
6. Define common ion effect and solubility product in detail.
7. Write a note on free electron theory.
8. Write various oxyacids of sulphur.

SECTION –B

II. Answer ALL the following Questions. **5X8=40M**

9. Explain classification, preparation and uses of Silicones.

(OR)

10. Explain the structures of AX_3 & AX_5 interhalogen compounds.

11. What is lanthanide contraction and write the consequences of lanthanide contraction.

(OR)

12. Explain Valence bond theory in detail.

13. Write an essay on Crystal defects.

(OR)

14. Derive Bragg's equation.

15. Derive the relationship between Critical constants & Vander Waal's constants.

(OR)

16. Explain Joule Thomson effect and define inversion temperature.

17. What are colligative properties? Write experimental methods for determination of molar mass of a non-volatile solute by using depression in freezing point.

(OR)

18. Define critical solution temperature and explain it for phenol water system.

Room No: _____ Regd No_____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.A,B.Com, BBA, & BCA Majors	Max Marks	: 50
Subject	: Chemistry	Pass Mark	: 20
Title of Paper	: Principles of Chemical Sciences	Duration	: 2Hrs
Paper Code	: R23MDP102	Time	: 2pm - 4pm
W.E.F	: 2023-24	Date	: 13.12.2023

SECTION-A

I. Answer any FOUR of the following Questions **4X5=20M**

1. Define Aufbau Principle and Pauli's exclusion principle.

2. Explain Dalton's atomic theory and its limitations.

3. Explain Atomic radii and ionization enthalpy with trends.

4. Define Electronegativity and its trends.

5. Explain types of acids with suitable examples.

6. Explain the strength of acids and bases.

SECTION-B

II. Answer any THREE of the following Questions **3X10=30M**

7. Write a note on quantum numbers.

8. Discuss Rutherford atomic model including limitations.

9. Describe classification of elements into metals, non metals and metalloids.

10. Define covalent bond and discuss the properties of covalent compounds.

11. Summarise the importance of chemistry in daily life?

Room No: _____ Regd No _____ (87)

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Sc (ALL)	Max Marks	: 60
Subject	: Advances in Mathematical, Physical and Chemical Sciences	Pass Mark	: 24
Title of Paper	: Advances in Mathematical, Physical and Chemical Sciences	Duration	: 3Hrs
Paper Code	: R23BSC102	Time	: 2pm - 5pm
W.E.F	: 2023-24	Date	: 18.12.2023

I. Answer ALL the following Questions **4 X 15 = 60 M**

SECTION – A – 1242

1. A) Evaluate $\int (\tan x + \cot x)^2 \, dx$

   B) Evaluate $\int \frac{1}{x^2-x+1} \, dx$

(OR)

2. A) Show that $\begin{vmatrix} 1 & a & a^2 \\ 1 & b & b^2 \\ 1 & c & c^2 \end{vmatrix} = (a-b)(b-c)(c-a)$

   B) If A= $\begin{bmatrix} 0 & 1 & 2 \\ 2 & 3 & 4 \\ 4 & 5 & -6 \end{bmatrix}$; $B = \begin{bmatrix} -1 & 2 & 3 \\ 0 & 1 & 0 \\ 0 & 0 & -1 \end{bmatrix}$ then find B-A and 4A-5B

SECTION – B – 12421

3. Discuss in details about the storage of renewable energy

(OR)

4. Explain the recent advances in Biophysics and Medical Physics

SECTION – C – 12422

5. What is Computer based drug discovery

(OR)

6. What are Nano sensors and write their applications.

SECTION – D – 12423

7. What is Number System? Explain different types of Number system

(OR)

8. Explain about Networking devices.

Room No: _____ Regd. No: _____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class : I B.Sc.(ALL)
Title of Paper : Essentials and applications of Mathematical, Physical and Chemical sciences
Paper Code : R23BSC101
W.E.F : 2023-24

Max Marks : 60
Pass Mark : 24
Duration : 3 Hrs
Time : 2.00PM-5.00PM
Date : 16/12/23

Answer ALL of the following questions **5 X 12 = 60M**

SECTION – A - 1241

1. Find the Mean of the following distribution

No. of Fruits	60-62	63-65	66-68	69-71	72-74
No. of Brushes	15	118	142	127	18

(OR)

2. Find the Median of 11,15,16,14,11,13,12,14,15,16

SECTION – B - 12411

3. Describe the importance of chemistry in daily life

(OR)

4. Write the various branches of chemistry and their significance

SECTION – C - 12412

5. Explain briefly about Newtonian mechanics & relativistic mechanics.

(OR)

6. Discuss the behavior of atomic and nuclear particles.

SECTION – D - 12413

7. What is a Network? Explain types of Networks

(OR)

8. What is Cryptography? Explain with a diagram

Regd No:_____ Room No:(89)

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I B.Sc.(CBZ)	Max Marks	: 60
Subject	: Botany	Pass Mark	: 24
Title of Paper	: Fundamentals of Microbes & Non-vascular Plants	Duration	: 3 Hrs
Paper Code	: R20BOT101A	Paper Time	: 2pm to 5pm
W.E.F	: 2020-21	Date	: 15/12/2023

SECTION – A

I. Answer any FIVE Of the following questions. **5X4=20M**

1. Structure of T.M.V.
2. Prions.
3. Transformation.
4. Conjugation.
5. Types of lichens.
6. Blast of rice.
7. Aplanospores.
8. Gemma cup.

SECTION –B

II. Answer ALL the following Questions. **5X8=40M**

Draw a labelled diagram where ever necessary.

9. Discuss the Symptoms and Transmission Methods of plant disease caused by viruses?

(OR)

10. Describe the R.H. WHITTAKER Five Kingdom Theory.

11. Describe the Economic Importance Of Bacteria.

(OR)

12. Write an account of Archaebacteria and Actinomycetes.

13. Write about general characters of fungi and Ainsworth classification?

(OR)

14. Write an account of life history of Puccinia.
15. General characters and Fritch classification of Algae.

(OR)

16. Write An account on Reproducation and life cycle of Polysiphonia.
17. Describe the structure of Sporophyte in Funaria.

(OR)

18. Describe the Sporophytic evolution in Bryophytes.

(90)

Room No: _____ **Regd No:** _____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B. Sc (CBZ)	Max Marks	: 75
Subject	: Botany	Pass Mark	: 30
Title of Paper	: Fundamentals of Microbes And Non Vascular Plants	Duration	: 3 Hrs
Paper Code	: R20BOT101	Time	: 2pm to 5pm
W.E.F	: 2020-21	Date	: 15/12/2023

SECTION-A

I. Answer ALL the following Questions **5X2=10M**

1. Heterocysts
2. Cyano Bacteria
3. Lichens
4. Nanodrous From Of Oedogonium
5. Gemma Cup

SECTION-B

II. Answer any THREE of the following Questions **3X5=15M**

6. Viriods
7. Economic Importance Of Bacteria
8. symptoms Of Plant Diseases Caused By Fungi
9. Fritch Classification
10. Funaria Capsule

SECTION-C

III. Answer Any FIVE of the following Questions **5X10=50M**

11. a) Discuss The Symptoms And Transmission Methods Of Plant Diseases Caused By Viruses?

(OR)

12) Write an Account on Origin of Life?

13) Write An Account Of Archaebacteria of Actinomycetes ?

(OR)

14) Write A General Account On Symptoms Of Plant Diseases Caused By Bacteria ?

15) Write About General Characters Of Fungi And Ainsworth Classification ?

(OR)

16) Explain The Process Of Reproduction In lichens ?

17) General Characters Of Algae And Fritch classifications ?

(OR)

18) Write An Account On Reproduction And Life Cycle Of Polysiphonia ?

19) Describe The morphology And Life Cycle Of Marchantia?

(OR)

20) Write An Account Of General Characters Of Bryophytes And Classification ?

Room No: _____ Regd No _____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Sc(Biotechnology, Microbiology)	Max Marks	: 60
Subject	: Biotechnology/Microbiology	Pass Mark	: 24
Title of Paper	: Introduction to Applied Biology	Duration	: 3Hrs
Paper Code	: R23BM102	Time	: 2pm - 5pm
W.E.F	: 2023-24	Date	: 18.12.2023

I. Answer ALL the following Questions **5 X 12 = 60 M**

SECTION – A - 12441

1. Write the Contributions of Edward Jenner, Louis Pasteur, and Robert Koch.

(OR)

2. Explain the Cells and Organs of the Immune System.

SECTION – B - 12442

3. Give an account on Carbohydrates

(OR)

4. Discuss the Structure of DNA and RNA

SECTION – C - 1244

5. What is Gene transfer. Explain with Physical, Chemical and Biological gene transfer methods

(OR)

6. Write about Biofertilizers and Biopesticides and mention few applications of biotechnology in Pharmaceutical sciences

7. Write short notes from the given below.

a) DNA Fingerprinting

b) ELISA

c) PCR

(OR)

8. What is Hybridoma Technology? Explain the Monoclonal antibodies.

SECTION – D - 12443

9. Explain about Data collection and Sampling methods

(OR)

10. Explain about NEBI and EBI

Room No: _____ Regd. No: (92)

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class : I Degree (Biotechnology/Microbiology) Max Marks : 60
Subject : Biotechnology/Microbiology Pass Mark : 24
Title of Paper : Introduction to Classical Biology Duration : 3 Hrs
Paper Code : R23BM101 Time : 2.00PM-5.00PM
W.E.F : 2023-24 Date : 16/12/23

Answer ALL of the following questions **5 X 12 = 60M**

SECTION – A - 1243

1. Explain Taxonomic Hierarchy

(OR)

2. Write on Shorts

a) Binomial nomenclature
b) Trinomial nomenclature

3. Write an essay on the Classification of Plant Kingdom..

(OR)

4. Explain the Basic concept of Respiration

SECTION – B - 12431

5. Give an account on the classification of Kingdom and Chordate

(OR)

6. Write an essay on fertilization and cleavage

7. What is Cell cycle and mention its stages.

(OR)

8. Write in detail about central dogma with diagram

SECTION – C – 12432

9. Write 12 principles of Green Chemistry.

(OR)

10. Describe the applications of chemistry in daily life

Regd No:_____ Room No:(93)_____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I Bsc (CBZ)	Max Marks	: 60
Subject	: Zoology	Pass Mark	: 24
Title of Paper	: Biology of Non Chordates	Duration	: 3 Hrs
Paper Code	: R20ZOO101A	Paper Time	: 2pm to 5pm
W.E.F	: 2021-2022	Date	: 16/12/2023

SECTION – A

I. Answer any FIVE Of the following questions. **5X4=20M**

1. Flagellar locomotion
2. Metagenesis
3. Spicules in sponges
4. Six characters of Phylum Nemathelminths'
5. Characters of Annelida
6. Structure of Peripatus
7. Amphiblastula larva
8. Tornaria larva

SECTION –B

II. Answer ALL the following Questions **5X8=40M**

9. Write an essay on different locomotory devices in Phylum Protozoa.

(OR)

10. Describe Robert Whittaker's five kingdom concept and classify the animal kingdom.

11. Describe various canal systems in sponges.

(OR)

12. Write an essay on Corals.

13. Give an account of Life history of Fasciola hepatica.

(OR)

14. Describe the life cycle of Ascaris lumibricoides.

15. Write an essay on processing and economic importance of vermicompost.

(OR)

16. Explain about the formation of Coelom and Coelom ducts in Annelida.

17. Write an essay on Pearl formation in Pelecypodes.

(OR)

18. Discuss the affinities of Balanoglosuss.

******

Regd No:_____ Room No:_____ (94)

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I B.Sc (CBZ)	Max Marks	:75
Subject	: ZOOLOGY	Pass Mark	:30
Title of Paper	: BIOLOGY OF NONCHORDATES	Duration	:3 Hrs
Paper Code	: R20ZOO101	Paper Time	:2.00PM-5.00
W.E.F	: 2020-21	Date	:16/12/23

SECTION – A

Answer any FIVE Of the following questions. **5X5=25M**

1. Binomial nomenclature
2. Binary fusion in Paramecium
3. Coral reefs
4. Spicules in Sponges
5. Pathogenecity of Fasciola hepatica
6. Six characters of Phylum Nematyhelminthes
7. Evolution of Coelom
8. Book lungs

SECTION –B

Answer ALL the following Questions **5X10=50M**

9. Describe the life cycle of Elphidium with neat labelled diagram.

(OR)

10. Describe Robert Whittaker's five kingdom concept and classify the animal kingdom
11. Describe various canal systems in sponges

(OR)

12. Write an essay on Polymorphism.
13. Discuss the affinities of Peripatus.

(OR)

14. Give an account of Life history of Fasciola hepateca".
15. Describe the life cycle of Ascaris lumbricoides

(OR)

16. Write an essay on processing and economic importance of vermicompost
17. Write an essay on different locomotory devices in Phylum Protozoa.

(OR)

18. Describe Life history of Aurelia.

Room No: _____ Regd No_____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I Degree (ALL)	Max Marks	: 50
Subject	: English	Pass Mark	: 20
Title of Paper	: Communication Skills	Duration	: 3Hrs
Paper Code	: R23SDP102	Time	: 2pm-5pm
W.E.F	: 2023-24	Date	: 05.06.2024

SECTION-A

I. Answer any THREE of the following Questions **3X5=15M**

1. Explain the significance of communication.
2. Write short note on psychological Barriers.
3. What are the characteristics of Interviews?
4. What are the different Principles of communication?
5. How to avoid mistakes in Group Discussion?

SECTION-B

II. Answer FIVE the following Questions **5X7=35M**

6. Discuss the nature and importance of communication.
7. What are the strategies for Effective communication?
8. Write an essay on key elements and elements of presentation.
9. Write an essay on types Of Interviews.
10. Write an essay on Group Discussions and it's types.
11. Discuss the visual aids / materials used in Presentation.
12. How to Prepare for an Interview? -Before, During, and After.
13. Write do's and don'ts in an interview.

D) Add question tags for the followings statement: **2X1=2M**

a) Sita writes the exam, _____?

b) They completed the work._____?

(Speaking skills)

IV. Answer any THREE questions from the following: **3X5=15M**

1 a) Explain kinds of greetings with examples.

(OR)

b) Introduce yourself to your teacher (imagine you are a new student in the class)

2 a) Write a conversation between you and your friend
The context is your want to borrow your friend's bicycle.

(OR)

b) How do you give information when a stranger approaches you to help him for the admission in your college.

3. What are the major changes witnessed by Kalam during his life?

4. Summarise the speech made by Obama in 'yes, we can'

5. a) Write a dialogue between two friends on corruption in India.

(OR)

b) Write a dialogue between two friends to disagree a business proposal.

(Soft skills)

V. Answer any THREE questions from the following: **3X5=15M**

1. Explain SWOC analysis.

2. Explain different types of attitudes.

3. What are the ways to improve interpersonal skills?

4. Write a note on netiquette.

5. Explain the salient features of Emotional Intelligence.

Room No: _____ Regd No_____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I Degree(All Groups)	Max Marks: 60	
Subject	: English	Pass Mark : 24	
Title of Paper	: A Course In Communication And Soft Skills	Duration	: 3Hrs
Paper Code	: R23ENG101	Time	: 2pm – 5pm
W.E.F	: 2023-24	Date	: 07/06/2024

(Listening skills)

I. Answer any TWO questions from the following: **2X3=6M**

1. What are the different types of listening?
2. Explain the barriers of listening?
3. What is listening? What are the difference between listening and hearing?
4. What are the benefits of active listening?

(Phonetics)

II. Answer any THREE questions from the following: **3X4=12M**

1. Explain about the sounds in English language.
2. What is syllable? Explain types of syllables with examples.
3. Write spelling for the transcribed words in English.
   a) Si: b) Pa: m c) la:f d) Kal
4. Mark stress for the following words given below:
   a) teacher b) believe c) Examination d) knowledge
5. Identity the tone (Intonation) for the following sentences:
   a) My child is hungry
   b) Write your name here
   c) May I borrow your dictionary?
   d) You like fish, don't you?

(Grammar)

III. A) Fill in the blanks with suitable words given in brackets: **2X1=2M**

a) The principal and the teacher ____going to college (is,are)

b) Neither Raju nor friends ___in the class (was/were)

B) Fill in the blanks with suitable articles and preposition: **4X1=4M**

a) She Returned after____ hour.

b) I am ____University student.

c) They jump ____ the river.

d) She has been writing a novel ____ 2014.

C) Fill in the blanks with verb forms given in brackets: **4X1=4M**

1. They____(go) to college in the morning.
2. Ramu____(complete) the work before he____(go) home.
3. It._____(rain) since Monday.
4. We____(write) an exam in 2014.

[P.T.O]

Room No: _____ Regd No: _____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS

I – SEMESTER END EXAMINATIONS

Class	: I Degree (All Groups)	Max Marks	: 60
Subject	: English	Pass Mark	: 24
Title of Paper	: A Course in Communication And Soft Skills	Duration	: 3 Hrs
Paper Code	: R20ENG101A	Time	: 2pm – 5pm
W.E.F	: 2023-24	Date	: 07/06/2024.

SECTION-A

I. Answer any FOUR questions from the following: **4X5=20M**

1. Explain various components and benefits of 'Effective listening.'

2. What is 'Listening' and write the differences between listening and hearing?

3. Write a note on the 'Process of listening.'

4. Write the correct spelling for the following phonetic transcriptions.

a) /ʧIə/ b) /ʃɜ:t/ c) /Θæŋk/ d) /ʌgli/

5. Mark Stress for the following words given below.

a) Vacation b) Transport c) Feel d) Himself

6. Identify the tone for the following sentences:

a) Please sit down.

b) What time do you have your breakfast?

c) I bought a pen, a pencil, a scale and a book.

d) She is dark but she's beautiful.

II. Answer any FOUR questions from the following: **4X5=20M**

1. Why SWOC is useful for students?

2. What are the advantages of 'Positive Attitude'?

3. How to enhance 'Emotional Intelligence'?

4. How do you demonstrate good Interpersonal Skills?

5. What is Etiquette? List some of the good manners while talking over telephone.

6. How can one develop positive thinking? Give some tips.

SECTION-B

III. Fill in the blanks with suitable Verb forms: **4X1=4M**

1. The Prime Minister _____ (speak) to the victims yesterday.

2. I _____ (live) in a penthouse for the last six months.

3. My aunt _____ (eat) an apple every day.

4. They _____ (arrive) tomorrow.

IV. A. Fill in the blanks with suitable Articles: **2X1=2M**

1. I have received ____ e-mail from my office.

2. _____ water is essential for life.

[P.T.O]

B. Fill in the blanks with suitable Prepositions. **2X1=2M**

1. I prefer fish ____ chicken.

2. He is jealous ____ my success in the group I exams.

V. A. Fill in the blanks with suitable Modal Verb Forms. **2X1=2M**

1. I _____ play tennis. (can/may)

2. He _____ be sick. (Could/should)

B. Write Question tags for the following. **2X1=2M**

1. The car is not in the garage, _____?

2. He can help, _____?

VI. Rewrite the following as Directed. **4X1=4M**

5. I was given a present by Rakesh. (change the voice)

6. Do they sell apples? (change the voice)

7. He said, "I have passed the examination." (change the speech)

4. No other English newspaper is so popular as "The Hindu" (change to Superlative Degree)

VII. Develop the ideas given below into a paragraph of 80 words. **4X1=4M**

Mahesh – celebrates – 14th birthday – an old-age home – family, friends – informs home in advance – delegates tasks – friends buy things necessary – arrives home early – decorates place – balloons, colour papers – inmates gathered – cuts cake – sing song, claps – distributes cakes – expresses his feelings – gets blessings – offers things – bed sheets, footwear etc. needed – fun, entertainment – happy

(OR)

A. Identify the correctly spelt word from the following:

8. a) rugh **b)** ruff **c)** rough

9. a) Butifull **b)** Beautiful **c)** Beatiful

B. Punctuate the following:

1. keats says a thing of beauty is a joy forever

2. no i wont accept your proposal

Room No: _____ Regd No_____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class : I Degree (ALL)
Subject : English
Title of Paper : A Course In Communication and Soft Skills
Paper Code : R20ENG101
W.E.F : 2020-21

Max Marks : 75
Pass Mark : 30
Duration : 3Hrs
Time : 2pm - 5pm
Date : 07/06/202

SECTION-A

I. Answer any THREE of the following Questions: **3X5=15M**

1. Why is listening important?
2. What is the difference between hearing nd listening?
3. What are the benifits of active listening?
4. Explain the barriers of listening.
5. What are the different stages of listening?

SECTION-B

II. Answer THREE the following Questions: **3X5=15M**

6. Write the correct spelling for the following phonemic Transcription
   a. /fi:d/
   b. /sik/
   c. /bili:v/
   d. /dʒʌdʒ/
   e. /ka:/

7. Write phonemic Transcription for the following words:
   a. Shook.
   b. Gun
   c. Can
   d. Pin
   e. Back

8. Mark stress for the following words given below:
   a. Nation
   b. Marriage
   c. Cover
   d. Perform
   e. Dependent

9. Identify the tone for the following sentences
   a. Where do you live?
   b. What a lovely flower!
   c. I will help you.
   d. How is your daughter.
   e. Write your name here

[P.T.O]

SECTION-C

III. Answer the following Questions:

10. Fill in the blanks with suitable verb forms: 4×1=4M

a. Last year we _____ to 200. (go)
b. My father _____ his car everyday (wash)
c. Bread and butter _____ her breakfast. (be)
d. Karen _____ me an e-mail. (send)

11. Fill in the blanks with suitable articles(a,an,the) 4×1=4M

a. I am _____ university student.
b. This book has won _____ Booker Prize.
c. She returned after_____ hour.
d. I live in _____ apartment.

12. Fell in the blanks with suitable Prepositions: 4×1=4M

a. They are sitting _____ chairs.
b. The film starts _____ 8 'clock.
c. Peter is playing football _____ Sunday.
d. My friend has been living in Canada _____ two years.

13. Fill in the blanks with suitable Modal verb forms: 2×1=2M

a. _____ you please help me lift this box? (can/will)
b. _____ I go to the cinema. (can/may)

14. Write a Question Tag for the following: 2x1=2M

a. Snow is white,
b. He won't tell her,

15. Rewrite the following as directed: 4×1=4M

a. I eat a Pizza (change the voice)
b. Shut the door (change the voice)
c. The flower is more beautiful than that (change to positive)
d. He is taller than other students in the class (change to superlative)

SECTION-D

IV. Answer ALL the following Questions: **2X5=10M**

16. Identify the correctly spelt word from the following:

1. a) Peace b) piece c) Peece
2. a) Ocasion b) Occasion c) Occation
3. a) Athist b)athest c) atheist
4. a) Rhythm b) rhythlm c) rhithym
5. a) Playwright b) Playwrite c) Playright

[CONTINUED TO NEXT PAGE]

17. Develop the ideas given below into a paragraph of 100 words

Books : Our best friends.

[Clues : choice of books - enrich the knowledge - quicken the imagination - friends to the lonely - companions to the deserted - Joy of the joyless - give happiness and pleasure - make us better, wiser and happier]

SECTION-E

IV. Answer THREE the following Questions: **3X5=15M**

18. Explain the internal and the external factors of SWOC analysis
19. Write about interpersonal skills.
20. How to inculcate Positive attitude.
21. Describe the do's and don'ts of Proper Telephone Etiquette
22. Explain different types of attitudes.

Room No: _____ **Regd No**_____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I Degree (All Groups)	Max Marks	: 60
Subject	: Hindi	Pass Mark	: 24
Title of Paper	: Hindi	Duration	: 3Hrs
Paper Code	: R23HIN101	Time	: 2pm-5pm
W.E.F	: 2022-23	Date	: 08.06.2024

SECTION-A

1. निम्नलिखित प्रश्नों में से किन्ही पांच प्रश्नों का उत्तर दीजिए। **5X4=20M**

1. 'और वह पड़ गई' कहानी के उद्देश्य पर प्रकाश डालिए।

2. काल कितने प्रकार के होते हैं? उनका नाम भी लिखिए।

3. महादेवी वर्मा लेखिका का परिचय दीजिए।

4. रहमान पात्र का चरित्र चित्रण कीजिए।

5. नीचे दिए गए शब्दों का वचन बदलिए।

1. डाकू 2.मछली 3.कपड़ा 4.पुस्तक

6. नीचे दिए गए शब्दों का लिंग बदलिए।

1.किशोर 2.अभिनेत्री 3. विधाता 4.मोरनी

7. नीचे दिए गए अंग्रेजी शब्दों हिंदी में लिखिए

1.Agreement 2. Charge sheet
3.passport 4.Commissionar

8. नीचे दिए गए हिंदी के शब्दों को अंग्रेजी में लिखिए

1.राजदूत 2.अनुदान 3.आवास 4. घोषणा पत्र

SECTION-B

11. निम्नलिखित प्रश्नों का उत्तर दीजिए । **5X8=40M**

9. मित्रता पाठ का सारांश लिखिए।

(अथवा)

10. बिंदा पाठ का सारांश लिखिए।

11. पुरस्कार कहानी का सारांश लिखिए

(अथवा)

12. मुक्तिधन कहानी का सारांश लिखिए।

13. काल विभाजन के बारे में लिखिए।

(अथवा)

14. भक्ति काल की विविध शाखाओं पर परिचय दीजिए।

[P.T.O]

15. पैसे मांगते हुए पिताजी के नाम पर पत्र लिखिए।

(अथवा)

16. अनुवादक पद के लिए आवेदन पत्र लिखिए।

17. उचित कारक चिन्ह का प्रयोग कीजिए।

1.वृक्ष _____डाली पर आम है।

2.मैं भारत _____निवासी हूं ।

3.मैं कलम _____ लिखता हूं।

4.रवि _____ दूध पिया।

5.मेज _____ पुस्तक है ।

6.जंगल _____ पशु पक्षी रहते हैं ।

7.मोहन राकेश _____ मिठाई लाया ।

8.राम _____ फल दो ।

(अथवा)

18.शुद्ध कीजिए

1.मैं पाठशाला जाना चाहिए।

2.सीता की पति नाम राम है ।

3.मालती ने पुस्तक लाई।

4.राम रावण को मारा ।

5.मधु मधु का काम करता है।

6.आप काम करो ।

7.उसने काम कर चुका ।

8.तुम कौन है?

Room No: _____ Regd No 10

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I degree (all groups)	Max Marks	: 75
Subject	: Hindi	Pass Mark	: 30
Title of Paper	: Hindi	Duration	: 3Hrs
Paper Code	: R20HIN101	Time	: 2pm – 5p
W.E.F	: 2022-23	Date	: 08/06/2

I.किन्हीं दो अवतरणों की संदर्भ सहत व्याख्या कीजिए। **2X10=20M**

1. विश्वासपात्र मित्र जीवन की एक औषधी है।
2. ज्ञान -राशी के संचित कोष ही का नाम साहित्य है।
3. हल्कू एक क्षण अनिशिचत दशा में खड़ा रहा,पूस सर पर आ गया,कम्मल बिना हार में रात को वह किसी तरह नहीं जा सकता।
4. चिंतनशील मनुष्य प्रफूल्लित चित्त का साथ ढूंढ़ता है ,निर्बल बली का धीर उत्साही का।
5. साहित्य में जो शक्ति छिपी रहती है वह तोप ,तलवार और बम के गोलों में भी नहीं पायी जाती।

II.किसी एक पाठ का सारांश विशेषताएं के साथ लिखिए? **1X15=15M**

1. साहित्य की महत्ता
2. जरिया

III.किसी एक कहानी का सारांश विशेषताएं के साथ लिखिए? **1X15=15M**

1. उसने कहा था
2. पूस की रात

IV.A) शुद्ध कीजिए **5X1=5M**

1. कलम जेब पर है
2. लडके शाम खेलते हो।
3. वे आते ही हम यगे।
4. हरनाथ किताब लाया।
5. घोडा घास खाया

B) किन्ही पाँच के वाच्य बदलकर वाक्य फिर से लिखिए| 5X1=5M

1. हाथी नहीं दौड़ता। 2. लता गीत गाता है।
3. मोहन बाजार जाता है। 4. किसान अनाज उगाता है
5. हम हिंदी सीखेंगे। 6. लकड़कियाँ दौड़ नहीं सकती।

C) किन्ही पाँच के लिंग बदलकर वाक्य फिर से लिखिए| 5X1=5M

1. दादा 2. चमार 3. पति 4. कवि
5. राजा 6. सदस्य 7. छात्र 8. सेवक

D) किन्ही पाँच के वचन बदलकर वाक्य फिर से लिखिए| 5X1=5M

1. आदमी 2. कमरा 3. मोती 4. गाडी
5. रानी 6. पाठक 7. वस्तु 8 नीति

E) सूचन के अनुसार बदलिए| 5X1=5M

1. राम बोलता है। हम सुनते है।। | (जब – तब का प्रयोग करके दोनों वाकया को मिलाए)
2. मै आता हूँ। (भविष्य काल में लिखिए)
3. मै मेरा काम करता हूँ। | (अपना प्रयोग कीजिए)
4. राम पाठ पढा | (ने प्रयोग कीजिए)
5. कमरे कौन है ?। (कारक चिन्ह)

Regd No 12

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I degree (all groups)	Max Marks	: 60
Subject	: Hindi	Pass Mark	: 24
Title of Paper	: Hindi	Duration	: 3Hrs
Paper Code	: R20HIN101A	Time	: 2pm - 5pm
W.E.F	: 2022-23	Date	: 08.06.24

I. निम्न लिखित में से किन्हीं पाँच प्रशनों का उत्तर दीजिए | 5X4 = 20M

1. उसने कहा था कहानी के उद्देश पर प्रकाश डालिए?
2. नीचे दिए गए शब्दों का **वचन** बदलिए |

   1. कथा 2. तारा 3. नदी 4. लड़का
3. नीचे दिए गए शब्दों का **लिंग** बदलिए |

   1. गुरु 2. तरुण 3. बेटा 4. छात्र
4. वाच्य किसे कहते हैं तथा उसके कितने प्रकार हैं?
5. प्रेमचंद का परिचय दीजिए?
6. बिन्दा के बाल्य जीवन की घटनाओं का उल्लेख कीजिए?
7. "दाऊदयाल" का पात्र चरित्र चित्रण कीजिए?
8. बिन्दा पाठ के लेखक का परिचय दीजिए?

PART – B

II. निम्न लिखित में से किन्हीं पाँच प्रशनों का उत्तर दीजिए | 5X8 = 40M

9. "साहित्य की महत्ता " पाठ का सारांश लिखिए |

   अथवा

   " पूस की रात" पाठ का सारांश लिखिए |
10. "मुक्तिधन" पाठ का सारांश लिखिए |

    अथवा

    "जरिया" पाठ का सारांश लिखिए |

11. "मेरी दूसरी पत्नी है और आप तो जानती ही होंगी"- संदर्भ सहित व्याख्या कीजिए

अथवा

"शरीर का खाद्य भोजनीय पदार्थ है और मस्तिष्क का खाय साहित्या" - संदर्भ सहित व्याख्या कीजिए |

12. विलोम शब्द लिखिए

1. धर्म 2. पाप 3. गरम 4. उपकार

5. आकाश 6. उतार 7. नया 8. रात

अथवा

वाक्य शुद्ध कीजिए |

1. राम ने गया।
2. हम दिल्ली जाना है।
3. दशरथ की तीन रानियाँ थी।
4. उस लड़की की का नाम गीता है।

13. शब्दों को वाक्यों में प्रयोग कीजिए |

1. गुरु 2. विरासत 3. भारत 4. दौड़ना

अथवा

वाच्य बदलना

1. राम ने रावण को मारा।
2. बच्चे खेलेंगे।
3. कृष्ण गाना सुनता है।
4. मोहन पतंग उडाता है।

Room No: _____ Regd No 14

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I DEGREE(ALL GROUPS)	Max Marks	: 75
Subject	: TELUGU	Pass Mark	: 30
Title of Paper	: GENERAL TELUGU	Duration	: 3Hrs
Paper Code	: R23TEL101	Time	: 2pm-5pm
W.E.F	: 2022-23	Date	: 08.06.2024

అ-విభాగము

I. క్రింది **8** ప్రశ్నలలో ఏవైనా **5** ప్రశ్నలకు సమాధానం రాయండి. **5×4=20మా**

1. క్రింది వానిలో ఒక దానికి సందర్భ సహిత వ్యాఖ్యలు వ్రాయండి.

1. కృతము దలంచి ప్రాణములు విడుతురనిన్.

2. బాగుగా నమ్మించి పంప వచ్చితిమి.

2. క్రింది వానిలో నాలుగు పదాలకు సంధి పేరు మాత్రమే తెలపండి

1. దేవోత్తములు.
2. శతైకవృద్ధి.
3. మాహాబ్ధి.
4. విద్వజ్జనము.
5. ఎచ్చోట
6. వికలాంగులు
7. పడఁగొట్టి
8. జగన్నుతుడు

3. క్రింది వానిలో నాలుగు పదాలకు సమాసము పేరు మాత్రమే తెలపండి.

1. కోపానలము.
2. రాజపుత్రులు.
3. నీలఘనాఘనము
4. భూనుతుడు
5. చోరభయము
6. అనేకము
7. సేనాధ్యక్షులు
8. జితేంద్రియుడు

4. క్రింది పద్యంలోని ఒక దానికి అలంకారాన్ని తెలిపి లక్ష్య లక్షణ సమన్వయం చేయండి.

(అ) రాజునకు విజయమూలము
రాజిత మంత్రంబు; సుస్థిరముగ దానిన్
రాజాన్వయ! రక్షించితే ధ
రాజనులకు కర్ణగోచరము గాకుండన్

(లేదా)

(ఆ) క్రింది పద్యపాదమును గురు లఘు నిర్దేశ పూర్వకముగా గణ విభజన చేసి, యతిప్రాసలు గుర్తించి ఏ పద్యపాదమో వివరించండి.

ఉత్తమ మధ్య మాధమ నియోగ్యత బుద్ధి నెఱింగి వారి న.

5. గుర్రం జాషువా కవితాశైలిని తెల్పుము.

6. కళ్యాణ సుందరీ జగన్నాథ్ పాత్ర .

7. గోపి చంద్ నవల నేపథ్యం గురించి రాయండి.

8. మానవల్లి రామకృష్ణ కవి జీవిత విశేషాలను తెలపండి.

[P.T.O]

ఆ – విభాగము

II. ప్రతి భాగం నుండి ఒకొక్క ప్రశ్నకు జవాబు రాయండి **5x8=40** మా

9.క్రింది పద్యానికి ప్రతిపదార్థం, భావాన్ని మాత్రమే రాయండి.

కడు జను వాఁడు నై పురుషకారియు దక్షుడు నైన మంత్రి పెం
పడరంగ రాజపుత్రుల మహాధనవంతులఁ జేసి వారితో
నొడఁబడి పక్ష మేర్పడఁగ నుండడుగా, ధన మెట్టి వారికిం
గడుకొని చేయకుండెనె జగన్నుత గర్వము దుర్విమోహమున్.

(లేదా)

10. పూప వయస్సులో వలసపోయిన చక్కని తెల్లకైతకున్
బ్రాపక మిచ్చినట్టి రఘునాథన్నపాలకు డేలియున్న తం
జాపురి మండలమునకు జక్కగ దక్షిణభాగ భూములన్
గాపురముండె నప్పరమ గర్భదరిద్రుడు నీతిమంతుడై.

11. ఉద్యోగాల నియమకంలో రాజు ఎటువంటి జాగ్రత్తలు తీసుకోవాలో తెలపండి.

(లేదా)

12. అంటరానితనంతో అలమటించే పంచముడు యొక్క బాధను వర్ణింపుము.

13. "అలరాస పుట్టిళ్లు' రచయిత్రి పరిచయం గూర్చి రాయండి.

(లేదా)

14. కళ్యాణ సుందరీ జగన్నాద్ వర్ణించిన ప్రేమ వృత్తాంతాన్ని తెల్పండి.

15. సీతారామారావు జీవిత కథను వర్ణింపుము.

(లేదా)

16. అసమర్థుని జీవయాత్ర గోపిచంద్ రచయిత పరిచయం గూర్చి రాయండి.

17. తిరుమల రామచంద్ర గారి జీవిత చరిత్ర తెల్పుము.

(లేదా)

18. వేటూరి ప్రభాకర శాస్త్రి జీవిత విశేషాలను వివరించండి.

పార్ట్ – బి

5. ఈ క్రింది వాటిలో రెండింటికి సంధి విడదీసి సూత్రము వ్రాయండి 2×2=4మా

1. మహేశ్వరుడు 2. కోమలాంగి 3. వసుధైక
4. రాముడతడు 5. ఇవ్విధము 6. కూరగాయలు

పార్ట్ – ఎ

6. ఈ క్రింది వాటిలో రెండింటికి విగ్రహవాక్యము, సమాస నామములు వ్రాయండి 2×2=4మా

1. చక్రాయుధుడు 2. వైరిబలము 3. తల్లిదండ్రులు 4. లంకానగరము

7. ఈ క్రింది అలంకారములలో ఒకదానికి లక్ష్య, లక్షణ సమన్వయం వ్రాయండి 1×4=4మా

1. అంత్యానుప్రాస 1.రూపకాలంకారం

8. ఈ క్రింది పద్యపాదమునకు గణవిభజన చేసి లక్షణములు వ్రాయండి 1×4=4మా

1. ఎండకు వానకోర్చి తనయిల్లు ప్రవాసపు జోటు నాక యా

లేదా

2. చంపకమాల పద్యలక్షణాలు ఉదాహరణతో వివరించండి?

Room No: _____ Regd No: 16

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS

I – SEMESTER END EXAMINATIONS

Class	: I Degree (All Groups)	Max Marks	: 60
Subject	: Telugu	Pass Mark	: 24
Title of Paper	: General Telugu	Duration	: 3 Hrs
Paper Code	: R20TEL101A	Time	: 2pm – 5pm
W.E.F	: 2022-23	Date	: 08.06.2024

పార్ట్ – ఎ

1. ఈ క్రింది పద్యాలలో ఒకదానికి ప్రతిపదార్థ తాత్పర్యములు వ్రాయుము 1×9=9మా

అ. ఉత్తమమధ్యమాధమ నియోగ్యత బుద్ధి నెఱింగి వారి న
య్యుత్తమ మధ్యమాధమ నియోగములన్ నియమించితే నరేం
ద్రోత్తమ! భృత్యకోటికి ననూనముగా దగు జీవితంబు లా
యత్తము సేసి యిత్తె దయ నయ్యయి కాలము దప్పకుండగన్

ఆ. ఎవ్వనిచే జనించు జగమెవ్వనిలోపల నుండు లీనమై
యెవ్వనియందు డిందు బరమేవ్వరుడెవ్వడు మూలకారణం
బెవ్వడనాది మధ్యలయుడెవ్వడు సర్వము దాన యైనవా
డెవ్వడు వాని నాత్మభవునీశ్వరుని శరణంబు వేడెదన్

2.. ఈ క్రింది మూడింటికి సందర్భసహిత వ్యాఖలు వ్రాయుము 3×3=9మా

1. ధనమెట్టివారికిం గడుకొని చేయకుండునె గర్వము దుర్విమోహమున్
2. వార్తయందు జగము వర్థిల్లుచున్నది
3. దురాత్ము చర్మపటమొల్వుడు
4. పురుషార్థమునకు హానిపుట్టుకయున్నె
5. శుభములొదవు నాపద లడగున్
6. కలడు కలండనెడువాడు కలడో లేడో!

3. ఈ క్రిందివానిలో ఏవైనా రెండింటికి లఘురూప సమాధానములు వ్రాయుము 2×4=8మా

1. ఎవరిని మంత్రిగా పెట్టుకోవాలి?
2. గజేంద్రుని మొఱవిన్న విష్ణువు ఏంచేసాడు?
3. ధౌమ్యుడు ధర్మోపదేశం ఎందుకు చేసాడు?
4. దక్షయజ్ఞం ధ్వంసంలో దేవతలు ఎలా పరారయ్యారు?

4. ఈ క్రింది వానిలో ఏవైనా రెండింటికి వ్యాసరూప సమాధానాలు వ్రాయుము 2×9=18మా

1. నారదుడు తెలిపిన రాజనీతిని వివరించండి?
2. ధౌమ్యుడు పాండవులకు చేసిన ధర్మోపదేశం గూర్చి వ్రాయండి?
3. దక్షయజ్ఞంలో ప్రమథగణాలు వీరంగం చేసిన విధానం వ్రాయండి?
4. గజేంద్రుడు విష్ణువుతో ఎలా మొఱపెట్టుకున్నాడో తెలుపండి?
5. సీతారావణుల సంవాదాన్ని విశదపరచండి?

[P.T.O]

oom No: _____ Regd No 17

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

lass	: I Degree (ALL)	Max Marks	: 75
ubject	: Telugu	Pass Mark	: 30
itle of Paper	: General Telugu	Duration	: 3Hrs
aper Code	: R20TEL101	Time	: 2pm – 5pm
.E.F	:2020-21	Date	: 08.06.2024

పార్ట్ – ఎ

1. ఈ క్రింది పద్యాలలో ఒకదానికి ప్రతి పదార్థ తాత్పర్యములు వ్రాయండి? 1×9=9 మా

అ) ఉత్తమ మధ్యమాధమ నియోగ్యత బుద్ధి నెఱింగి వారి న
య్యుత్తమ మధ్యమాధమ నియోగములన్ నియమించితే నరేం
ద్రోత్తమ!భృత్య కోటికి ననూనముగా దగు జీవితంబు లా
యత్తము సేసి యిత్తె దయనయ్యయి కాలము దప్పకుండగన్

ఆ) ఆరూఢ ప్రతిమాన విక్రమ కళాహంకార తేజోనిధిన్
శ్రీరామున్ సుగుణాభిరాము డెగడెన్ చేకొన్న నిన్నాజిలో
దారన్ దొంగలి తంచు నిష్ఠుర గతిన్ దండించి ఖండింప ము
న్నీరెట్టైనను దాటి వచ్చె నలుకన్ నేడెల్లి శాంతింపుమా

2. ఈ క్రింది వానిలో నాల్గింటికి సందర్భ సహిత వ్యాఖ్యలు వ్రాయండి? 4×3=12 మా

1, ఘనముగా ననురక్తులై జగద్ధిత బుద్ధిన్
2. వార్త యందుజగము వర్తిల్లు చున్నది
3. కాలవిరోధంబు మరచి కార్యము దప్పున్
4. విశ్వమునిప్పుడ సంహరించెదన్
5. కలడు కలండనెడు వాడు కలడో లేడో
6. సిద్ధంబీమాట వేద సిద్ధాంతముగాన్.
7. భయంబెట్లోకదే యీశ్వరా..
8. అడకువ తోడన యునికి యరిది

3. ఈ క్రింది వానిలో నాల్గింటికి లఘురూప సమాధానములు వ్రాయండి? 4×3=12 మా

1, ధనముపై ఆశ కలిగితే మంత్రి ఏంచేస్తాడు?
2. రాజువద్ద సేవకుడు ఎలా ఉండాలి?
3. గజేంద్రడి విలాపము గూర్చి వ్రాయండి?
4. లక్ష్మీదేవి విష్ణువును అనుసరించిన విధానం వ్రాయండి?

[P.T.O]

5. సేవకుడు రాజుముందు ఎలా ప్రవర్తించాలి?

6. ప్రమథ గణాలు శివుని కోపాన్ని తెలుసుకుని ఏమన్నారు?

7. గజేంద్రుడు ఎవరిని శరణు వేడుకున్నాడు?

8. సీతాదేవి శ్రీరాముని గొప్పదనాన్ని ఏవిధంగా తెలిపింది?

2. ఈ క్రింది వానిలో ఏవైనా మూడింటికి వ్యాసరూప సమాధానములు వ్రాయండి? 3×8=24మా

1. గజేంద్రుణ్ణి శ్రీమహావిష్ణువు రక్షించిన విధానము వ్రాయండి?

2. ధౌమ్యుడు పాండవులకు చేసిన ధర్మోపదేశాన్ని వివరించండి?

3. రాజనీతిని గూర్చి నారదుడు ధర్మరాజుకు ఎలా వివరించాడు?

4. ప్రమథుల హడావిడికి దేవతలు పారిపోయిన విధానం వ్రాయండి?

5. సీతాదేవి, రావణుల సంవాదమును వివరించండి?

పార్ట్ - బి

5. ఈ క్రింది వానిలో మూడింటిని, విడదీసి సంధిపేరు, సూత్రం వ్రాయండి? 3×2=6మా

అ) 1. మహేశ్వరుడు 2. ముఖకాంతులు 3. శతైక

4. నేడెల్లి 5. ఇత్తురుణి 6. దివ్యాంబరములు

ఆ) ఈ క్రింది వానిలో రెండింటికి విగ్రహవాక్యం వ్రాసి, సమాసం తెలుపండి? 2×2=4మా

1. అవివేకము 2. ఉజ్జ్వలకాంతి 3. వస్త్రాభరణములు

4. ఏడు వారాలు

ఇ) ఈ క్రింది వానిలో ఒకదానికి ఉదాహరణతో లక్ష్యలక్షణ సమన్వయం చేయండి 1×4=4మా

1. లాటాను ప్రాసము 2. ఉపమాలంకారము

లేదా

ఈ క్రింది ఉదాహరణ నందలి అలంకారము గుర్తించండి?

రాజునకు విజయమూలము

రాజిత మంత్రంబు సుస్థిరంబుగ దానిన్

రాజాన్వయ! రక్షింతె ధ

రాజులనులకు గర్ణగోచరము గాకుండన్

ఉ) ఈ క్రింది పద్యపాదమునకు గణ విభజన చేసి యతిప్రాసలు గుర్తించి లక్షణము వ్రాయండి? 1×4=4మా

1. జలజభవాండమంతయును జర్జితం బగుచుండ వ్రచ్చిమున్

(పై వాక్యమునకు ఛందస్సు నిర్ణయించి ఏ పద్యపాదమో తెలుపండి?)

లేదా

ఊ) 2. ఈ క్రింది వాటిలో ఒకదానికి ఛందస్సున ఉదాహరణతో తెలపండి?

అ) మత్తేభం ఆ) ఆటవెలది

Room No: _____ **Regd No** 19

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.SC(ALL)	Max Marks	: 50
Subject	: Mathematics	Pass Mark	: 20
Title of Paper	: Analytical Skills	Duration	: 2Hrs
Paper Code	: R23SDPB101	Time	: 2pm-4pm
W.E.F	: 2023-24	Date	: 06.06.2024

SECTION-A

I. Answer any TEN of the following Questions **10X2=20**

1. Simplify: 683.46 – 227.39 – 341.85.

2. Simplify: 9358 – 6014 + 3127.

3. If a : b = 2 : 3, b : c = 4 : 5, c : d = 6 : 7 then find a : d ?

4. Find the missing number in the series 5 ,10 ,13 ,26 ,29 ,58 ,61 , ?.

5. Find 35% of 250 +? = 345.

6. Find the L.C.M of 28,35,56 and 84.

7. How numbers from 200 to 900 which are divisible by 2,3 and 5.

8. The total age of A and B is 12 years more than the total age of B and C is how many years younger than A?

9. A, B, C hired a car for Rs. 520 and used it for 7, 8 and 11 hours respectively. Hire charges paid by B were?

10. Today is Monday. After 86 days, it will be:

11. The mean proportion of 8 and 18 is?

12. If Z=52 and ACT=48 then BAT will be equal to?

13. The ratio 5:4 expressed as a percent equals?

14. P and Q started a business investing Rs, 85,000 and Rs. 15,000 respectively. In what ratio the profit named after 2 years divided between P and Q respectively?

15. How much time will it take for an amount of Rs. 450 to yield Rs. 81 as interest at 4.5% per annum of simple interest?

SECTION-B

II. Answer FIVE the following Questions **5X10=50**

16. The following table gives the percentage of marks obtained by seven students in six, different subjects in an examination. Study the table and answer the questions based on i The numbers in the brackets give the maximum marks in each subject.

Student	Subject (Max. Marks in percentage)					
	Maths (150)	Chemistry (130)	Physics (120)	Geography (100)	History (60)	Computer Science (40)
A	90	50	90	60	70	80
B	100	80	80	40	80	70
C	90	60	70	70	90	70
D	80	65	80	80	60	60
E	80	65	85	95	50	90
F	70	75	65	85	40	60
G	65	35	50	77	80	80

f) What was the aggregate of marks obtained by C in all the six subjects?

g) What is the overall percentage of G?

h) What are the average marks obtained by all the seven students in Physics?
(rounded off to two digits after decimal).

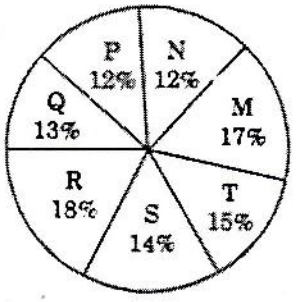
i) The number of students who obtained 60% and above marks in all the subjects is:

j) In which subject is the overall percentage the best?

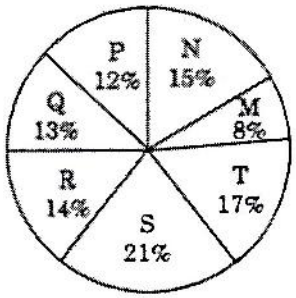
7. The following pie-charts show the distribution of students of graduate and post graduate levels in seven different institute-M,N,P,Q,R,S and T in a town.

DISTRIBUTION OF STUDENTS AT GRADUATE AND POST-GRADUATE LEVELS IN SEVEN INSTITUTES — M, N, P, Q, R, S AND T

Total Number of Students of Graduate Level = 27300



Total Number of Students of Post-Graduate Level = 24700



f) How many students of institutes M and S are studying at graduate level?

g) Total number of students studying at post -graduate level from institutes N and P is:

h) What is the total number of graduate and post-graduate level students in institute R?

i) What is the ratio between the number of students studying at post graduate and graduate levels respectively from institute S?

j) What is the ratio between the number of students studying post graduate level from institute S and the number of students studying at graduate level from institute Q?

18. The sum of two numbers is 29 and difference of their squares is 145 then

i) Find difference of the numbers and ii) Find the numbers.

[CONTIUNED TO NEXT PAGE]

19. The average age of the class of 39 students is 15 years. If the age of the teacher be included, then the average increases by 3 months. Find the age of the teacher?

20. The average monthly income of P& Q is Rs.5050. The average monthly income of Q & R is Rs.6250 and average monthly income of P & R isnRs.5200. Then find the monthly income of P?

21. The salaries of A, B, C are in the ratio 2:3:5. If the increments of 15%,10% and 20% are allowed respectively in their salaries, then what will be the new ratio of their salaries?

22. Two friends P & Q started a business investing in the ratio of 5:6,'R' joined them after 6 months investing an amount equal to that of Q's. At the end of the year, 20% profit was earned which was equal to Rs.98000. What was the amount invested by 'R'.

23. A book was sold for Rs.27.50 with a profit of 10%. If it were sold for Rs.25.75 then what would have been the percentage of profit or loss?

24. A Train crosses a platform of length 110m in 42 sec and a man standing on the platform in 20 sec. Find the ratio of the length of the train to the length of the platform.

25. Find the compound interest on Rs. 16,000 at 20% per annum for 9 months, compounded quarterly.

Room No: _____ **Regd No** 22

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class : I B.Sc(ALL)
Title of Paper : Essentials & applications of Mathematical, Physical and Chemical sciences
Paper Code : R23BSC101
W.E.F : 2023-24

Max Marks : 60
Pass Marks : 24
Duration : 3Hrs
Time : 2pm-5pm
Date : 10.06.2024

SECTION-A-1241

I. Answer ALL the following Questions **5X12=60M**

1. Find the mean of the following distribution.

No. of fruits	60-62	63-65	66-68	69-71	72-74
No.of bushes	15	118	142	127	18

(OR)

2. If $x+iy=\frac{1}{1+\cos\theta+i\sin\theta}$ then show that $4x^2-1=0$

SECTION-B-12411

3. Write the 3 rules used for writing Electronic Configuration.

(OR)

4. Write a note on periodic table

SECTION-C-12412

5. State and explain laws of thermodynamics.

(OR)

6. Explain the applications of physics in Environmental Monitoring and Sustainable technologies.

SECTION-C-12413

7. What is Firewall? Explain using Diagram

(OR)

8. Explain milestones of Computer.

Room No: _____ **Regd No** 23

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Sc(ALL)	Max Marks	: 60
Title of Paper	: Advances in Mathematical, Physical and Chemical Sciences	Pass Mark	: 24
		Duration	: 3Hrs
Paper Code	: R23BSC102	Time	: 2pm-5pm
W.E.F	: 2023-24	Date	: 11-06-2024

SECTION-A-1242

I. Answer ALL the following Questions **5X12=60M**

1. a) If $\begin{vmatrix} a & a^2 & 1+a^3 \\ b & b^2 & 1+b^3 \\ c & c^2 & 1+c^3 \end{vmatrix} = 0$ and $\begin{vmatrix} a & a^2 & 1 \\ b & b^2 & 1 \\ c & c^2 & 1 \end{vmatrix} \neq 0$ then show that abc = -1

(OR)

b) If $A=\begin{bmatrix} 1 & 0 & 0 \\ 2 & 3 & 4 \\ 5 & -6 & x \end{bmatrix}$ and detA=45 then find x

2. a) Evaluate $\int (tanx + cosx)^2 \, dx$ b) Evaluate $\int \frac{1}{x^2 - x + 1} \, dx$

SECTION-B-12421

3. Explain why quantum dots are so special and write their applications.

(OR)

4. Discuss the applications of Biophysics in Biophysical Imaging, Biomechanics and Neurophysics.

SECTION-C-12422

5. What is Computer based drug discovery.

(OR)

6. Write a note on dye removal by using catalysis method.

SECTION-D-12423

7. Explain briefly about Transmission Media.

(OR)

8. Explain Error detection and Correction.

Room No: _____ Regd No 24

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I BCA/B.VOC(IT)	Max Marks	: 75
Subject	: Mathamatics	Pass Mark	: 30
Title of Paper	: Discrete Mathematics	Duration	: 3Hrs
Paper Code	: CBCMAT101A/ITDM101/R20WSDM101	Time	: 2pm-5pm
W.E.F	: 2022-23	Date	: 10.06.2024

SECTION-A

I Answer any FIVE of the following Questions **5X5=25M**

1. (i) Add the algebraic expression $2a^2bc - 2acb^2 + 5c^2ab, 4b^2ac + 4bca^2 - 7ac^2b, 4abc^2 - 3a^2bc - 3ab^2c, b^2ac - abc^2 - 3a^2bc$.

(ii) Simplify $\frac{-18r^3s^2t}{-4r^5st^2}$.

2. (i) Remove the symbols of the expression $3[x^2 - 2yz + y^2] - 4[x^2 - 3yz - y^2] + x^2 + y^2$.

(ii) Evaluate the following expression, given $x = 2, y = 4$ given $\frac{x^2y(x+y)}{3x+4y}$.

3. (i) Find the value of $(ab^2 + 2b)^3$. (ii) Simplify $(2t^2 + s)(3t^2 + 4s)$.

4. Find the L.C.M. of $9x^4y^2, 12x^3y^3$

5. Show that $\frac{\left(\frac{x+1}{x-1} - \frac{x-1}{x+1}\right)}{\left(\frac{1}{x-1} + \frac{1}{x+1}\right)} = 2$.

6. (i) Find the value of $(0.125)^{\frac{1}{3}}(0.25)^{-\frac{1}{2}}$.

(ii) Evaluate $(0.004)(30{,}000)^2$.

7. Find (i) $\sqrt[3]{(27)^4}$ (ii) $\sqrt[4]{\sqrt[3]{2}}$.

8. Find the value of (i) $-\frac{1}{2-2i}$ (ii) $\frac{i+i^2+i^3+i^4}{i+1}$

SECTION-B

II. Answer ALL the following Questions **5X10=50M**

9. Solve $\frac{2y^3+y^5-3y-2}{y^2-3y+1}$.

(OR)

10. (i) Solve $\frac{27s^3-64}{3s-4}$ (ii) Solve $\frac{16y^4-1}{2y-1}$

11. (i) Simplify $(u + 2)(u - 2)(u^2 + 4)(u^2 + 16)$ (ii) Find $(5rst^2)(2st^3 - 4rs^2 + 3s^2t)$

(OR)

12. Find the LCM & GCF of $2^3 3^2 (x - y)^3 (x + 2y)^2, 2^2 3^2 (x - y)^2 (x + 2y)^3, 3^2 (x - y)^2 (x + 2y)$

[P.T.O]

13. Simplify $\frac{\left(x+\frac{1}{y}\right)^m\left(x-\frac{1}{y}\right)^n}{\left(y+\frac{1}{x}\right)^m\left(y-\frac{1}{x}\right)^n}$

(OR)

14. Simplify $1-\frac{1}{2-\frac{1}{3-\frac{2a-1}{2a+1}}}$

15. Find $\frac{2+\sqrt{3}+\sqrt{5}}{2+\sqrt{3}-\sqrt{5}}$

(OR)

16. (i) Simplify $\left(\sqrt{4\times10^{-16}}\right)\left(\sqrt{81\times10^{-2}}\right)\left(\sqrt{0.0016}\right)$

(ii) Simplify $2\sqrt{\frac{a}{b}}-3\sqrt{\frac{b}{a}}+\frac{4}{\sqrt{ab}}$

17. Simplify $\frac{2\sqrt{3}+\sqrt{2}i}{3\sqrt{2}-4\sqrt{3}i}$

(OR)

18. Perform the addition of complex number$(2 + 6i) + (5 + 3i)$ both algebraically and graphically.

Room No: _____ Regd No_____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Sc(IOT)	Max Marks	: 75
Subject	: Mathematics	Pass Marks	: 30
Title of Paper	: Numerical Analysis	Duration	: 3Hrs
Paper Code	: R20IOTMAT101	Time	: 2pm-5pm
W.E.F	: 2022-23	Date	: 10.06.2024

SECTION-A

I. Answer any FIVE of the following questions **5X5=25M**

1. If $\Delta x = 0.005, \Delta y = 0.001$ be the absolute error in $x = 2.11$ and $y = 4.15$. Find the relative error in the computation of $x + y$.

2. Use Newton – Raphson method, establish the iterative formula $x_{n+1} = \frac{1}{2}(x_n + \frac{N}{x_n})$ to calculate the square root of N.

3. Solve $x^3 + x^2 - 1 = 0$ by iterative method.

4. Show that (i) $\delta = E^{\frac{1}{2}} - E^{\frac{-1}{2}}$ (ii) $\mu = \frac{1}{2}(E^{\frac{1}{2}} + E^{\frac{-1}{2}})$

5. Given $u_0 = 3, u_1 = 12, u_2 = 81, u_3 = 200, u_4 = 100, u_5 = 8$ $find\ \Delta^5 u_o$.

6. Using Gauss forward formula, find $f(25)$ given $f(20) = 14, f(24) = 32, f(28) = 35, f(32) = 40$.

7. State prove Stirling's formula.

8. Find $u_3, given u_0 = 580, u_1 = 556, u_2 = 520, u_4 = 385$ by Lagrange's formula

SECTION-B

II. Answer the ALL following questions **5X10=50M**

9. If $R = \frac{4x^2y^3}{z^4}$ and errors in x, y, z be 0.001. show that the maximum relative error at x=y=z=1 is 0.009.

(OR)

10. i)Define Absolute error,relative error and percentage error. (ii) Derive general error formula.

11. Find a real root of the equation $x^2 - 5x + 2 = 0$ by Newton-Raphson method.

(OR)

12. Find the real root of the equation $xlogx_{10} - 1.2 = 0$ by Regula Falsi method.

13. Show that (i) $E\nabla = \Delta$ (ii) $\mu^2 = 1 + \frac{\delta^2}{4}$ (iii) $\delta = E^{-1/2}\Delta$ (iv)$\Delta\nabla = \delta^2$

(OR)

14. Find the missing term in the following table

x	0	1	2	3	4	5
Y=f(x)	0	-	8	15	-	35

15. State and prove Newton's forward interpolation formula.

(OR)

16. State and Prove Gauss's Backward interpolation formula.

17. State and Prove Lagrange's interpolation formula.

(OR)

18. Newton's divided formula, find the value of $f(8)$ and $f(15)$ from the following table

x	4	5	7	10	11	13
F(x)	48	100	294	900	1210	2028

Regd No:_____ Room No: 27

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I B.Sc.(MPC,MPCS,MECS,MSCS,MCCS)	Max Marks	: 60
Subject	: Mathematics	Pass Mark	: 24
Title of Paper	: Differential equation	Duration	: 3 Hrs
Paper Code	: R20MAT101A	Paper Time	: 2pm - 5pm
W.E.F	: 2022-23	Date	: 10.06.2024

SECTION – A

I. Answer any FIVE Of the following questions. **5X4=20M**

1. Solve the differential equation $\left(1+e^{\frac{x}{y}}\right)dx + e^{\frac{x}{y}}\left(1-\frac{x}{y}\right)dy = 0.$
2. Solve $2xydy - (x^2+y^2+1)dx = 0.$
3. Solve $p^2 - 5p + 6 = 0.$
4. Solve $(y-px)(p-1) = p.$
5. Solve $\frac{d^3y}{dx^3} + y = 0.$
6. Solve Solve $(D^2+4)y = x\sin x.$
7. Solve $(D^2+4D+4)y = x^3.$
8. Solve $(D^2+a^2)y = \tan ax$ by the method of variation of parameters.

SECTION –B

II. Answer ALL the following Questions. **5X8=40M**

9. Solve $x^2y\,dx - (x^3+y^3)dy = 0.$

(OR)

10. Solve y (1+ xy) dx + x (1- xy) dy = 0.

11. Show that the system of confocal conics $\frac{x^2}{a^2+\lambda} + \frac{y^2}{b^2+\lambda} = 1$ is self orthogonal where a, b are arbitrary constants.

(OR)

12. Solve $p^2 + 2py\cot x = y^2.$

13. Solve $(D^2+a^2)y = \sec ax$, by method of variation of parameters.

(OR)

14. Solve $(D^2-3D+2)y = \cosh x.$

15. Solve $(D^2-4D+4)y = 8(x^2+e^{2x}+\sin 2x).$

(OR)

16. Solve $(D^4+2D^2+1)y = x^2\cos x.$

17. Solve $x^2\frac{d^2y}{dx^2} - 3x\frac{dy}{dx} + 5y = x^2\sin(\log x)$.

(OR)

18. Solve $xy'' - (2x-1)y' + (x-1)y = e^x.$

Room No: _____ **Regd No** 28

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Sc(MSCS)	Max Marks	: 60
Subject	: Statistics	Pass Mark	: 24
Title of Paper	: Descriptive Statistics	Duration	: 3Hrs
Paper Code	: R20STAT101A/R20DSSTAT101A	Time	: 2pm-5pm
W.E.F	: 2022-23	Date	: 11-06-2024

SECTION-A

I Answer any FIVE of the following Questions **5X4=20M**

1. Explain scope of statistics.

2. Explain Non central moments

3. Write about skewness

4. Explain fitting of straight line

5. Explain types of correlation

6. Write any 5 properties of regression

7. Write about Tschuprow' s coefficient of contingence

8. Ultimate class frequency.

SECTION-B

II. Answer ALL the following Questions **5X8=40M**

9. Explain Secondary data.

(OR)

10. Find arithmetic mean to the following data:

Marks	10-20	20-30	30-40	40-50	50-60
Frequency	5	8	25	22	10

11. Explain quartile deviation with its merits and demerits

(OR)

12. calculate Karl person and Bowley's coefficient of skewness to the following data.

C.I	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100
F	2	6	11	20	40	75	45	25	18	8

13. Fit a power curve to the following data .

X	1	2	3	4	5	6
Y	1200	900	600	200	110	50

(OR)

[P.T.O]

14. Calculate correlation to the following data .

X	10	15	12	17	13	16	24	14	22	20
Y	30	42	45	46	33	34	40	35	39	38

15. Derive Regression line X on Y.

(OR)

16. Obtain regression lines estimate the value of y if x =65.

X	56	42	72	36	63	47	55	49	38	42	62	60
y	147	125	165	118	149	128	150	145	115	132	152	160

17. Define independence of attributes and explain criteria of independence.

(OR)

18. Given the following set of frequencies, find all the remaining class frequencies N=23713, (A) = 1618,(B) = 2015 , (C) = 770 , (AB) =587 , (AC) = 335 (BC) =428, (ABC)= 156

Room No: _____ Regd No 30

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Sc(MSCS &DATA SCIENCE)	Max Marks	: 75
Subject	: Statistics	Pass Mark	: 30
Title of Paper	: Descriptive Statistics	Duration	: 3Hrs
Paper Code	: R20STAT101/R20DSSTAT101	Time	: 2 pm - 5pm
W.E.F	: 2022-23	Date	: 11-06-2024

SECTION-A

I. Answer any FIVE of the following Questions **5X5=25M**

1. Scope of Statistics in different fields

2. Explain Standard deviation with their merits and demerits.

3. Explain about central and non-central moments.

4. Define Probable error of r.

5. Explain Legendre's principal of least squares.

6. Derive the angle between two regression lines.

7. Show that for n attributes A_1, A_2, A_3, ------A_n

$(A_1, A_2, A_3, \text{------}A_n) \geq (A_1) + (A_2) + \text{-----} (A_n) - (n-1)\ N$

8. Define class symbols as operators.

SECTION-B

II. Answer ALL the following Questions **5X10=50M**

9. State various method of collecting the primary data and secondary data and discuss their relative merits and demerits.

(OR)

10. Find Median to the following data

CI	40-50	50-60	60-70	70-80	80-90
F	5	12	23	8	2

11. Derive non -central moments in terms of central moments.

(OR)

12. Calculate Karl person and Bowley's coefficient of skewness to the following data.

C.I	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100
F	2	6	11	20	40	75	45	25	18	8

13. Find a straight line to the following data.

x	2	4	6	8	10	12
y	10	14	19	25	31	36

(OR)

14. Calculate correlation to the following data.

X	10	15	12	17	13	16	24	14	22	20
Y	30	42	45	46	33	34	40	35	39	38

[P.T.O]

15. Derive the Regression lines for Y on X

(OR)

16. Obtain regression lines estimate the value of y if x =65.

x	56	42	72	36	63	47	55	49	38	42	62	60
y	147	125	165	118	149	128	150	145	115	132	152	160

17. Explain the yule's coefficient of association and relation between association (Q) and colligation (Y).

(OR)

18. Given the following set of frequencies, find all the remaining class frequencies

N=23713, (A) = 1618, (B) = 2015, (C) = 770, (AB) =587, (AC) = 335 (BC) =428, (ABC)=156

Room No: _____ Regd No _____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.VOC(WT & SD)	Max Marks	: 60
Subject	: Mathematics	Pass Mark	: 24
Title of Paper	: Discrete Mathematics	Duration	: 3Hrs
Paper Code	: R20WSMAT101A/R20IMAT101A	Time	: 2pm – 5pm
W.E.F	: 2022-23	Date	: 10/06/2024

SECTION-A

I. Answer any FIVE of the following Questions **5X4=20M**

1. Add the algebraic expressions $2a^2bc-2acb^2+5c^2ab$, $4b^2ac+4bca^2-7ac^2b$, $4abc^2-3a^2bc-3ab^2c$, $b^2ac-abc^2-3a^2bc$

2. i) Find the L.C.M. of $9x^4y^2$, $12x^3y^3$

ii) Find the G.F.C. of $6x-6y$, $4x^2-4y^2$.

3. Find the factors of $3x^2+10x+3$.

4. Evaluate $(0.004)(30,000)^2$.

5. Show that $\frac{\frac{x+1}{x-1}-\frac{x-1}{x+1}}{\frac{1}{x-1}+\frac{1}{x+1}} = 2$

6. Find the value of $(\sqrt{x+y}-z)\,(\sqrt{x+y}+z)$.

7. Find the value of $\frac{1+i}{3-i}$

8. Find the value of $(\frac{\sqrt{2}}{2}+\frac{\sqrt{2}}{2}i)^2$

SECTION-B

II. Answer ALL the following Questions **5X8=40M**

9. Divide $2x^6+5x^4-x^3+1$ by $-x^2+x+1$

(OR)

10. solve $\frac{2y^3+y^5-3y-2}{y^2-3y+1}$.

11. i) Find the factor of $(x^2-4z^2+9y^2+6xy-12yz-4zx)$

ii) Find the L.C.M. of $2^33^2(x-y)^3(x+2y)^2$, $2^23^3(x-y)^2(x+2y)^3$, $3^2(x-y)^2(x+2y)$

(OR)

12. Find perfect square of $4m^6n^6+32\,m^4n^4+64\,m^2n^2$.

13. Find the value of $1-\frac{1}{2-\frac{1}{3-\frac{2a-1}{2a+1}}}$.

(OR)

14.i) Find the value of $(0.125)^{1/3}\,(0.25)^{-1/2}$

ii) Evaluate $4x^{-2/3}+3x^{1/3}+2x^0$ when $x = 8$.

[P.T.O]

15. i) Find the value of $\frac{1}{5}(-10+\sqrt{-125})$.

ii) Find the value of $\frac{1+\sqrt{2}}{1-\sqrt{2}}$.

(OR)

16. show that $\frac{x+\sqrt{y}}{x-\sqrt{y}}+\frac{x-\sqrt{y}}{x+\sqrt{y}}=\frac{2x^2+2y}{x^2-y}$

17. i) Find the value of $\frac{i^{26}-1}{i-1}$

ii) Find the value of $\frac{3-\sqrt{2}i}{\sqrt{2}i}$

(OR)

18. Simplify $\frac{2\sqrt{3}+\sqrt{2}i}{3\sqrt{2}-4\sqrt{3}i}$.

Room No: _____ Regd No_____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Sc(MPC, MPCS, MSCS, MECS, MCCS)	Max Marks	: 75
Subject	: Mathematics	Pass Mark	: 30
Title of Paper	: Differential Equations	Duration	: 3Hrs
Paper Code	:R20MAT101	Time	: 2pm-5pm
W.E.F	:2020-21	Date	:10.06.2024

SECTION-A

I. Answer any FIVE of the following Questions **5X5=25M**

1. Solve $x\frac{dy}{dx} + 2y = x^2 \log x$.

2. $(1+e^{\frac{x}{y}})dx + e^{\frac{x}{y}}\left(1-\frac{x}{y}\right)dy = 0$ is exact or not.

3. Find the orthogonal trajectories of family of curves $x^{\frac{2}{3}} + y^{\frac{2}{3}} = a^{\frac{2}{3}}$, where 'a' is the parameter.

4. Solve $(y - xp)(p - 1) = p$.

5. Solve $(D^3 + 1)\, y = 0$.

6. Solve $(D^2 - 5D + 6)\, y = e^{4x}$.

7. Solve $(x^4D^3 + 2x^3D^2 - x^2D + x)y = 1$.

8. Solve $(D^2 - 4D + 4)\, y = x^3$.

SECTION-B

II. Answer ALL the following Questions **5X10=50M**

9. Solve $x\frac{dy}{dx} + y = y^2 \log x$.

(OR)

10. Solve $x^2ydx - (x^3 + y^3)dy = 0$.

11. Solve $p^2 + 2py \cot x = y^2$.

(OR)

12. Find the orthogonal trajectories of family of curves r=a(1-cos θ) where 'a 'is the parameter.

13. Solve $(D^2 + a^2)\, y = \sec ax$.

(OR)

14. Solve $\frac{d^2y}{dx^2} + 4y = e^x + \sin 2x + \cos 2x$.

15. Solve $(D^2 - 4D + 4)y = 8x^2e^{2x} \sin 2x$.

(OR)

16. Solve $(D^4 + 2D^2 + 1)y = x^2 \cos x$.

17. Solve $(D^2 + 1)y = \csc x$ by the method of variation of parameters.

(OR)

18. Solve $[(1 + 2x)^2D^2 - 6(1 + 2x)D + 16]y = 8(1 + 2x)^2$.

Room No: _____ Regd No _____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I BCA	Max Marks	: 75
Subject	: Mathematics	Pass Mark	: 30
Title of Paper	: Numerical and Statistical Methods	Duration	: 3Hrs
Paper Code	: R20CMAT101	Time	: 2pm - 5pm
W.E.F	: 2020-21	Date	: 10.06.2024

SECTION-A

I. Answer any FIVE of the following Questions **5X5=25M**

1. Find a real root of the equation $x^3 + x^2 - 1 = 0$ by iteration method.
2. Using Newton-Raphson method, establish the iterative formula $x_{n+1} = \frac{1}{3}[2x_n + \frac{N}{x_n^2}]$ to calculate the cube root of N.
3. Solve the system of equations $x - y + 4z = 16, 3x + 2y + z = 18, x + 4y - 2z = 20$ by Gauss elimination method.
4. Solve the system of equations $8x - 3y + 2z = 20,\ 4x + 11y - z = 33,$ $6x + 3y + 12z = 35$ by using Gauss-seidal method.
5. Evaluate $\int_0^1 \frac{1}{x+1} dx$ by using Trapezoidal Rule with h=0.5.
6. Using the following table compute $\frac{dy}{dx}$ and $\frac{d^2y}{dx^2}$ at $x = 1$

x	1	2	3	4	5	6
y	1	8	27	64	125	216

7. Explain the kurtosis.
8. State and prove Multiplicative theorem on probability.

SECTION-B

II. Answer ALL the following Questions **5X10=50M**

9. Find a real root of the equation $x^3 - x - 11 = 0$ by bisection method.

(OR)

10. Use Regula false method to find a root of the equation $x^3 - 2x - 5 = 0$.
11. Find the Eigen values and Eigen vectors of a matrix $A=\begin{pmatrix} 6 & -2 & 2 \\ -2 & 3 & -1 \\ 2 & -1 & 3 \end{pmatrix}$

(OR)

12. Solve the system of equations $2x + y + z = 10,\ 3x + 2y + 3z = 18,$ $x + 4y + 9z = 16$ by using Gauss-Jordan method.

[P.T.O]

3. Find the value of integral $\int_0^1 \frac{1}{1+x^2}\,dx$ by simpson's $\frac{1}{3}$ rd and $\frac{3}{8}$ th rule. Hence obtain the approximate value of π in each case.

(OR)

4. Using Lagrange's interpolation formula find y at x=301.

X	300	304	305	307
Y	2.4771	2.4829	2.4843	2.4871

5. calculate mean and median of the following data.

C.I	0-50	50-100	100-150	150-200	200-250	250-300	300-350
F	2	3	5	6	5	3	1

(OR)

6. Find the correlation coefficient from the following data.

X	2	3	4	5	6	7	8
Y	4	7	8	9	10	14	18

7. State and prove additional theorem on probability.

(OR)

8. State and prove Baye's theorem.

Room No: _____ **Regd No** 37

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Sc(ALL GROUPS)	Max Marks	: 50
Subject	: Physics	Pass Mark	: 20
Title of Paper	: Electrical Appliances	Duration	: 2Hrs
Paper Code	: R20SDC101	Time	: 2pm-4pm
W.E.F	: 2022-23	Date	: 06.06.2024

SECTION-A

I. Answer any FOUR of the following Questions **4X5=20M**

1. Write a short note on functioning.

2. Explain about electrical conductors and insulators.

3. Explain the first aid process of electric shock.

4. Explain the various steps for house wiring.

5. Explain the working of electric fan.

6. Explain about ELCB.

7. Explain the working of water heater.

8. Explain various parts of induction heater.

SECTION-B

II. Answer any THREE Of the following Questions **3X10=30M**

9. Explain series and parallel combination of resistance.

10. Explain star and delta connections.

11. Explain the terms electric shock & short circuiting.

12. Explain the concept of electric bulbs, LED, CFL.

13. Explain the working, parts and servicing of Micro oven.

Room No: _____ **Regd No:** 38

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS

I – SEMESTER END EXAMINATIONS

Class	: I B.Sc (MPC, MPCS)	Max Marks	: 60
Subject	: Physics	Pass Mark	: 24
Title of Paper	: Mechanics, Waves And Oscillations	Duration	: 3 Hrs
Paper Code	: R20PHY101A	Time	: 2pm-5pm
W.E.F	: 2022-23	Date	: 11-06-2024

SECTION-A

I. Answer any FIVE of the following Questions **5X4=20M**

1. Explain the working of multistage rocket.

2. What is central force? Give two examples.

3. What is Logarithmic decrement? Derive an expression for it.

4. Explain length contraction.

5. Write the applications of ultrasonics.

6. The semi major axes of the orbits of Mercury and Mars are 0.387 and 1.524 in astronomical units. If the period of Mercury is 0.241 year, what is the period of Mars.

7. The frequency of a tuning fork is 300 Hz. If the its quality factor Q is $5x10^4$, find the time after which its energy becomes (1/10) of its initial value.

8. A piezoelectric crystal has a thickness 0.002m. The velocity of sound waves in the crystal is 5750m/sec. calculate the fundamental frequency of the crystal.

SECTION-B

II. Answer ALL the following Questions **5X8=40M**

9. Derive an expression for the final velocity of the rocket at any instant.

(OR)

10. Define rigid body. Derive the equation of motion of rigid body rotating about an axis of symmetry

11. Derive the equation of motion of a body under a central force.

(OR)

12. State and prove kepler's second law and third law of planetary motion.

13. Describe the Michelson – Morley Experiment with a neat diagram.

(OR)

14. State the postulates of special theory of relativity. Derive Lorentz transformation equations.

15. Derive the equation of motion of simple harmonic oscillator and obtain its solution.

(OR)

16. Derive an expression for normal mode frequencies of N-coupled oscillators.

17. Derive an expression for the velocity of transverse wave along a stretched string.

(OR)

18. What are ultrasonics? Describe magnetostriction method for the production of ultrasonics.

Room No: _____ Regd No 39

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Sc(MPC,MPCS)	Max Marks	: 75
Subject	: Physics	Pass Marks	: 30
Title of Paper	: Mechanics,Waves & Oscillations	Duration	: 3Hrs
Paper Code	: R20PHY101	Time	: 2pm - 5pm
W.E.F	: 2020-21	Date	: 11-06-2024

SECTION-A

I. Answer the ALL following questions **5X10=50 M**

1. Explain the motion of system of variable mass. Describe the multi stage rocket.

(OR)

2. Derive the Euler's equation of rotational motion for a rigid body fixed at one end.

3. State Kepler's law of planetary motion, deduce Kepler's first law.

(OR)

4. Deduce the equation of motion of a body under the action of central force.

5. Describe Michelson-Morley Experiment with necessary theory.

(OR)

6. State the postulates of special theory of relativity. Derive Lorenz transformation equations.

7. Obtain the differential equation of damped oscillator and discuss its solution under different cases.

(OR)

8. Derive expression for normal mode frequencies of 2-coupled oscillators?

9. Derive the equation for the velocity of transverse waves along a stretched string.

(OR)

10. What are ultrasonic waves? Describe how ultrasonic waves are produced by Magnetostriction method' with a neat diagram?

SECTION-B

II. Answer any **THREE** questions out of 5 questions. **3x5=15M**

11. Obtain an expression for the thrust on rocket.

12. Write a short note on Physiological effects of astronauts.

13. Explain length contraction

14. Obtain the wave equation for N-coupled oscillator.

15. Explain the detection of ultrasonics.

SECTION-C

III Answer any **TWO** Questions out of **5** Questions **2x5=10M**

16. The kinetic energy of a body rotating at a constant speed of 300 rev./min is 100joule. Find its angular momentum.

17. If the mean distance of mars from the sun is 1.524 times that of the earth. Find the period of revolution of mars about the sun.

18. Explain If a rod travels with a speed V=0.6C along its length, calculate the percentage of contraction.

19. The quality factor of a sonometer wire is 2×10^3. On plucking it makes 240 vibrations per second. Calculate the time in which amplitude decreases to half the initial value.

20. Thickness of a piezo electric crystal is 0.002 m. Velocity of sound wave in the crystal is 5750 m/sec. Calculate its fundamental frequency?

Room No: _____ Regd No: 40

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Com , BBA , BCA , BA	Max Marks	: 50
Subject	: Chemistry	Pass Mark	: 20
Title of Paper	: Principles of Chemical Sciences	Duration	: 2 Hrs
Paper Code	: R23MDP102	Time	: 2pm-4pm
W.E.F	: 2023-24	Date	: 12.06.2024

SECTION-A

I. Answer any FOUR of the following Questions **4X5=20M**

1. Write the classification of matter.

2. Explain Radioactive decay.

3. Explain octet rule with suitable examples.

4. Define electronegativity and its trends.

5. Define PH.

6. Explain the strength of acids and bases.

SECTION-B

II. Answer any THREE of the following Questions **3X10=30M**

7. Discuss the applications of nuclear chemistry.

8. Explain the electronic configuration with examples.

9. Describe classification of elements into metals, non metals and metalloids.

10. Define covalent bond and discuss the properties of covalent compounds.

11. Summarise the importance of chemistry in daily life.

Room No: _____ **Regd No** 41

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Sc(MPC,MCCS,CBZ)	Max Marks	: 75
Subject	: Chemistry	Pass Mark	: 30
Title of Paper	: Inorganic & Physical Chemistry	Duration	: 3Hrs
Paper Code	: R20CHE101	Time	: 2pm-5pm
W.E.F	: 2019-202	Date	: 13-06-2024

SECTION-A

I. Answer any FIVE of the following Questions **5X5=25M**

1. Write the preparation and structure of Borazine.

2. Write various oxyacids of sulphur.

3. Explain variable valance in d-block elements.

4. Explain free electron theory.

5. Define space lattice and lattice point.

6. Write the applications of liquid crystals.

7. Define common ion product and solubility product in detail.

8. Write a note on Vant Hoff factor.

SECTION-B

II. Answer ALL the following Questions **5X10=50M**

9. Explain any two preparation methods and structure of diborane.

(OR)

10. Explain the structures of AX_3 and AX_5 Interhalogen compounds.

11. Explain about conductors, semiconductors and insulators using band theory.

(OR)

12. Explain the magnetic properties and electronic configuration of d-block elements.

13. What is Bragg's law? Explain the determination of structure of a crystal powder method.

(OR)

14. Write an essay on crystal defects.

15. Explain Joule-Thomson effect and define inversion temperature.

(OR)

16. Explain the classification of liquid crystals.

17. Explain Nernst distribution law and its applications

(OR)

18. What are colligative properties? Write experimental method for determination of molar mass of non-volatile solute by using osmotic pressure.

Room No: _____ Regd No 42

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Sc(MCCS,CBZ)	Max Marks	: 60
Subject	: Chemistry	Pass Mark	: 24
Title of Paper	: Inorganic & Physical Chemistry	Duration	: 3Hrs
Paper Code	: R20CHE101A	Time	: 2pm-5pm
W.E.F	: 2019-2020	Date	: 13-06-2024

SECTION-A

I. Answer any FIVE of the following Questions **5X4=20M**

1. Explain the structure of Diborane.

2. Write the preparation and structures of Phosphonitrilic halides.

3. Explain lanthanide contraction.

4. Write a note on free electron theory.

5. Derive Bragg's equation.

6. Write the applications of liquid crystals.

7. Define common ion product and solubility product in detail.

8. Define the following terms

a) Osmotic pressure b) Elevation in boiling point

SECTION-B

II. Answer ALL the following Questions **5X8=40M**

9. Explain classification, preparation and uses of silicones.

(OR)

10. Explain the structures of AX_3 and AX_5 Interhalogen compounds.

11. Explain about conductors, semiconductors and insulators using band theory.

(OR)

12. Explain the catalytic properties and variable valance of d-block elements.

13. Write an essay on Crystal defects.

(OR)

14. i) Write a note on law of rationality of indices.

ii) Write a note on Miller indices.

15. Derive the relation between critical constants and Vanderwaal's constants.

(OR)

16. Explain the classification of liquid crystals.

17. Define critical solution temperature and explain phenol-water system by CST

(OR)

18. What are colligative properties? Write experimental method for determination of molar mass of non-volatile solute by using elevation in boiling point.

Room No: _____ **Regd No** 43

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I – SEMESTER END EXAMINATIONS

Class	: I B.Sc(MPC,MCCS,CBZ)	Max Marks	: 75
Subject	: Chemistry	Pass Mark	: 30
Title of Paper	: Inorganic & Organic Chemistry	Duration	: 3Hrs
Paper Code	: CBCHE101	Time	: 2pm - 5pm
W.E.F	: 2015-16	Date	: 13-06-2024

SECTION-A

I. Answer any FIVE of the following Questions **5X5=25M**

1. Explain the structure of inorganic benzene.
2. What are inter halogen compounds? How are they classified?
3. What is Grignard reagent? Give any two synthetic applications of Grignard reagent.
4. Explain acidic character of phenol.
5. Explain Hyper-conjugation with suitable example.
6. Explain Diel's-Alder reaction with example.
7. Write the conformations of cyclo hexane.
8. Explain ortho and para directing groups with suitable examples.

SECTION-B

II. Answer ALL the following Questions **5X10=50M**

9. How is diborane prepared? Write the structure and bonding of diborane.

(OR)

10. What are silicones? Write any two methods for the preparation of silicones and their uses.
11. Discuss the classification of oxides based on oxygen content and chemical behavior.

(OR)

12. What are organometallic compounds? Describe the preparation, properties and uses of alkyl lithium's.
13. Explain inductive effect with example. Give the applications of inductive effect.

(OR)

14. Explain the different types of organic reactions with examples.
15. Explain Markownikoff's and anti-Markownikoff's rule with mechanisms.

(OR)

16. Explain the stability of cycloalkanes according to Baeyer-Strain theory.
17. Explain the Huckel's concept of aromaticity with suitable examples.

(OR)

18. Explain Friedel craft's alkylation and nitration in benzene with mechanism.

Room No: _____ **Regd No:** 44

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS
I – SEMESTER END EXAMINATIONS

Class	: I B.Voc (SD)	Max Marks	: 60
Subject	: Computer Science	Pass Mark	: 24
Title of Paper	: Introduction to C Programming	Duration	: 3 Hrs
Paper Code	: R23BV101	Time	: 2 PM - 5 PM
W.E.F	: 2023-24	Date	: 10.06.2024

SECTION-A

I. Answer ALL the following Questions **5X12=60M**

1. What is an Operator? Explain various types of operators used in c.

(OR)

2. Explain various Data types that are available in c- language.

3. Explain about Decision control statements in c-language.

(OR)

4. What is looping? Explain about various types of looping statements.

5. Explain about string handling functions with syntax and examples.

(OR)

6. What is an Array? Explain types of Arrays.

7. Differentiate between a Structure and union.

(OR)

8. Explain about Enumeration Data type in c.

9. Explain about various functions to read data from a file with examples.

(OR)

10. What is preprocessor? Explain various preprocessor directives.

Room No: _____ **Regd No** 45

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Voc(SD)	Max Marks	: 60
Subject	: Computers	Pass Mark	: 40
Title of Paper	: Fundamentals Of Computer Science	Duration	: 3Hrs
Paper Code	: R23BV102	Time	: 2pm - 5pm
W.E.F	: 2023-24	Date	: 11-06-2024

SECTION-A

I. Answer ALL the following Questions **5X12=60M**

1. What is Number System? Explain about Binary, Octal and Decimal Number System

(OR)

2. Write a short note on BCD, EBCDIC, ASCII Code and Gray Code.

3. Explain about AND, OR, NOT & NAND logic gates with Truth Tables an example.

(OR)

4. What is Boolean Algebra? Explain about Laws, Rules and De-Morgan's Theorem.

5. Define Computer. Draw the block diagram of Computer and explain it.

(OR)

6. Define Programming Language. Write about Machine Level Language, Assembly Level Language and High Level Language.

7. Explain about Keyboard, Mouse, Monitor and Printer devices in Computer.

(OR)

8. What is Memory? Explain about Primary Memory and Secondary Memo with an example

9. Define DOS. Explain any five Internal and External commands with Syntax and example.

(OR)

10. Write a short note on Nodes, Routers and Switches.

Regd No:_____ Room No: 46

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I B.Com.B.Sc.(GEN.TP,LOG,BBA)(MPC,CBZ)	Max Marks	: 50
Subject	: FOUNDATION	Pass Mark	: 20
Title of Paper	: ~~HUMAN VALUES~~ & PROFESSIONAL ETHICS	Duration	: 2 Hrs
Paper Code	: R20LSC102	Paper Time	: 2pm-4pm
W.E.F	: 2022-23	Date	: 05.06.24

SECTION – A

I. Answer any Four Of the following questions. **4X5=20M**

1. What are the basic guidelines for value education?
2. Define trust, illustrate the feeling of trust with one example.
3. Importance of Confidence.
4. What is your present vision of a prosperous life?
5. Difference between intention and competence.
6. Professional Ethics
7. Relation between Values & Skills.
8. Respect.

SECTION –B

II. Answer Three following Questions. **3X10=30M**

9. What is the need for value education in technical and other professional institutions?
10. What do you mean by "Universal Human Order"? What could be your role in moving towards it?
11. Critically examine the issues in Professional Ethics in Current Scenario.
12. What are the basic requirements to fulfill human aspirations? Indicate their correct priority.
13. "Family is a natural laboratory to understand human relations "explain.
14. What do you understand by competence in professional ethics? Elaborate.

Room No: _____ **Regd No** 47

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Voc(WT&SD)	Max Marks	: 60
Subject	: Computer Science	Pass Mark	: 24
Title of Paper	: HTML&CSS	Duration	: 3Hrs
Paper Code	: R20WSHC101A	Time	: 2pm - 5pm
W.E.F	: 2022-23	Date	: 11-06-2024

SECTION-A

I. Answer any FIVE of the following Questions **5X4=20M**

1. Define HTML? Write about Paragraph tags in HTML?

2. Write the difference between HTML and CSS?

3. What is CSS? Explain CSS Properties

4. How can we define own style in CSS?

5. How to create a page layout and site design using CSS? Explain

6. Explain about Navigation Bar?

7. Explain about Image Labels?

8. Write a short note on form elements?

SECTION-B

II. Answer ALL the following Questions **5X8=40M**

9. Define Tag? Explain various tags in HTML with an example?

(OR)

10. Write the structure of an HTML web page with example?

11. Explain in detail about Box Model?

(OR)

12. Explain working with block elements and objects?

13. Explain in detail about Grouping, Positioning and Floating?

(OR)

14. Explain about color codes?

15. Define a image tag? Explain how to insert on image to a web page and formatting it?

(OR)

16. Define Table tag and its properties? Write an HTML Script to insert a table with the following fields, Name, Roll No, Class, Email ID, Mobile Number?

17. Define Form tag. Design a Registration page by using all Form controls.

(OR)

18. Explain in detail about Iframe tag with an example program?

Room No: _____ **Regd No** 48

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Voc(WT)	Max Marks	: 75
Subject	: Computer science	Pass Mark	: 30
Title of Paper	: HTML&CSS	Duration	: 3Hrs
Paper Code	: WSHC101/R20WSHC101	Time	: 2 pm - 5 pm
W.E.F	: 2022-23	Date	: 11-06-2024

SECTION-A

I. Answer any FIVE of the following Questions **5X5=25M**

1. Define Heading Tags with an example?

2. Write about Paragraph tag and Mark up Tag?

3. Explain the need of a style sheet?

4. Explain about CSS ID and Class?

5. Explain about Pseudo class and floating in CSS?

6. Explain img tag with an example program?

7. Explain about Image Labels?

8. Write a short note on form elements?

SECTION-B

II. Answer ALL the following Questions **5X10=50M**

9. What is HTML? Explain the structure of an HTML with an example program?

(OR)

10. List out the basic tags used in HTML with examples?

11. Explain Working with Lists and Tables?

(OR)

12. What are the various font properties available in CSS?

13. Explain CSS advanced sectors with an example?

(OR)

14. Explain about <br>, <hr> and tags in detail?

15. Define a image tag? Explain how to insert on image to a web page and formatting it?

(OR)

16. Define Table tag and its properties? Write an HTML Script to insert a table with the following fields, Name, Roll No, Class, Email ID, Mobile Number?

17. What is Form tag. Design a Registration page by using all Form controls.

(OR)

18. Give a brief account iframe tag?

Room No: _____ **Regd No** 49

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I BCA	Max Marks	: 60
Subject	: Computer Science	Pass Mark	: 24
Title of Paper	: Computer Fundamentals & Office Tools	Duration	: 3Hrs
Paper Code	: R20BCA101A	Time	: 2 pm - 5 pm
W.E.F	: 2022-23	Date	: 11-06-2024

SECTION-A

I. Answer any FIVE of the following Questions **5X4=20M**

1. Write Characteristics of computer.
2. Explain about secondary storage devices.
3. Explain Assembler, interpreter and compilers.
4. Define software? Write about various types software's.
5. How to insert header and footer in ms-word.
6. Explain find and replace option in ms-excel.
7. How can we insert rows, columns and cells in work sheet.
8. How to insert new slide to the power point presentation.

SECTION-B

II. Answer ALL the following Questions **5X8=40M**

9. Explain Generations of computers.

(OR)

10. Draw and explain Block diagram of computer.

11. Define operating system and explain functions of operating system.

(OR)

12. Explain about computer languages.

13. Draw and explain components of ms-word.

(OR)

14. Write the procedure of Mail merge.

15. Explain about cell reference techniques.

(OR)

16. What is Chart? Explain different types of charts in ms-excel.

17. Explain slide animation and transition in power point.

(OR)

18. Explain Features and parts of ms-power point window.

Room No: _____ **Regd No:** 50

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS

I – SEMESTER END EXAMINATIONS

Class	: I B.Com (Comp)	Max Marks	: 60
Subject	: Computer Science	Pass Mark	: 24
Title of Paper	: Information Technology	Duration	: 3 Hrs
Paper Code	: R20COMC103A	Time	: 2pm - 5pm
W.E.F	: 2022-23	Date	: 12-06-2024

SECTION-A

I. Answer any FIVE of the following Questions **5X4=20M**

1. Explain about different memories of a computer?

2. Explain about features of MS-Word?

3. Explain about Control Panel?

4. Explain about Format Painter?

5. Explain about applying bullets and numbering in MS-Word?

6. Explain about entering and editing data in MS-Excel worksheet?

7. Explain Autofill option in MS-Excel?

8. Explain the advantages of Power point presentation?

SECTION-B

II. Answer ALL the following Questions **5X8=40M**

9. Define computer and explain the characteristics and Limitations of a computer?

(OR)

10. Explain different types of Network topologies in detail?

11. What is Operating System and the types of operating system?

(OR)

12. Discuss about Internal commands of DOS?

13. Explain the procedure for Mail Merge in MS-Word?

(OR)

14. Explain about Header and Footer in MS-Word?

15. Explain the parts of MS-Excel window?

(OR)

16. Explain about different functions in MS-Excel?

17. Explain working with Multimedia objects in power point?

(OR)

18. Explain about Slide Animation and transition in Power point?

Regd No:_____ Room No: 51

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
V SEMESTER END EXAMINATIONS

Class	: I B.Com.B.Sc.(GEN,TP.LOG,BBA)(MPC,CBZ)	Max Marks	: 50
Subject	: Computer Science	Pass Mark	: 20
Title of Paper	: Computer Applications	Duration	: 2 Hrs
Paper Code	: R20LSC101	Paper Time	: 2pm - 4pm
W.E.F	: 2020-21	Date	: 05.06.24

SECTION – A

I. Answer any FIVE Of the following questions. **4X5=20M**

1. Explain the characteristics of computer.
2. Explain about memory types.
3. Explain about system software.
4. Explain features of MS-word.
5. Explain cut, copy and paste.
6. Explain procedure to print a document.
7. Explain sort option in MS-Excel.
8. Explain features of power point.

SECTION –B

II. Answer ALL the following Questions. **3X10=30M**

9. Explain block diagram of digital computer.
10. Explain the steps to set header and footer.
11. Explain the mail merge in MS-word.
12. Explain cell reference techniques.
13. Write the procedure to create presentation in power point.

Room No: _____ Regd No 52

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I BCA	Max Marks	: 75
Subject	: Computer Science	Pass Mark	: 30
Title of Paper	: Computer Fundamentals & Office Tools	Duration	: 3Hrs
Paper Code	: R20BCA101	Time	: 2pm-5pm
W.E.F	: 2020-21	Date	: 11-06-2024

SECTION-A

I . Answer any FIVE of the following Questions **5X5=25M**

1. Explain about Magnetic disk and Optical disk?

2. What is an Operating System? Write about Some Popular Operating Systems?

3. Explain about process Management?

4. Explain features of Ms-Word?

5. Explain Mail Merging in MS-Word?

6. Explain Adding and deleting rows and columns?

7. Explain the features of Ms-Excel??

8. Write about Templates and Wizards in PowerPoint?

SECTION-B

II. Answer ALL the following Questions **5X10=50M**

9. Define Computer? Write about Generations of Computer?

(OR)

10. Explain about Basic Computer Organization?

11. What is Computer Software? Write about types of Software?

(OR)

12. Explain in detail about Computer Languages?

13. What is Macros in Ms Word? Explain in detail about working with Macros?

(OR)

14. Draw and explain components of Ms-Word window?

15. Explain in detail about charts in excel?

(OR)

16. Write about different types of functions available in Excel?

17. Write Features of PowerPoint? Explain how to insert and delete a slides in PowerPoint?

(OR)

18. How to add transition and animations to slide show? Explain?

Room No: _____ Regd No 53

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I BCA/B.Sc	Max Marks	: 75
Subject	: Computer Science	Pass Mark	: 30
Title of Paper	: Programming with C	Duration	: 3Hrs
Paper Code	: R20BCA102/R20CSC101	Time	: 2pm - 5pm
W.E.F	: 2020-21	Date	: 12-06-2024

SECTION-A

I . Answer any FIVE of the following Questions **5X5=25M**

1. Define Algorithm? Write a Simple algorithm for arithmetic operations?
2. Explain while loop with an example program?
3. Explain three categories of function prototype?
4. Explain Two dimensional array with an example?
5. Write a C program to check whether the given string is palindrome or not?
6. Write the differences between Structure and Array in C?
7. What is pointer? How to declare a pointer with example
8. Define file? Write a C program to create a file?

SECTION-B

II. Answer ALL the following Questions **5X10=50M**

9. Explain the data types in c with example?

(OR)

10. Explain in detail about operators in C?
11. Explain about looping / iterative statements in C with syntax and example ?

(OR)

12. Explain the difference between call by value and call by reference with example?
13. Define Array? Explain in detail about types of Arrays with example?

(OR)

14. Explain string functions with an example ?
15. Define structure? Explain array of structures with examples?

(OR)

16. Define Pointer? How will you pass a pointer to a function explain with example?
17. Discuss about various file handling functions?

(OR)

18. Explain different modes of opening a file?

Regd No:_____ Room No: 54

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I BCOM(comp)	Max Marks	: 75
Subject	: Computers	Pass Mark	: 30
Title of Paper	: Fundamentals of computers	Duration	: 3 Hrs
Paper Code	: CBFOC101	Paper Time	: 2pm - 5pm
W.E.F	: 2015-2016	Date	: 13.06.2024

SECTION – A

I. Answer any FIVE Of the following questions. **5X5=25M**

1. Explain advantages of computers.
2. Explain any three Input and Output devices.
3. Explain the procedure for converting Binary number into Decimal number with example.
4. Define database. Explain its terminology.
5. What is Booting? Explain its types.
6. Draw and explain the desktop and its icons.
7. Explain cut, copy, paste.
8. Write the procedure to print a document.

SECTION –B

II. Answer ALL the following Questions **5X10=50M**

9. **(a)** Draw and explain Block diagram of computer.

(OR)

(b) Explain classification of computers based on size and purpose.

10. **(a)** Explain different number system.

(OR)

(b) What is memory? Explain secondary memory.

10. **(a)** What is DOS? Explain any eight Internal commands.

(OR)

(b) What is DOS? Explain any five External commands

12. **(a)** Explain the features of Windows.

(OR)

(b) Explain File, Folder, My Computer and Recycle Bin .

13. **(a)**. Draw and explain the MS-Word window.

(OR)

(b).Explain Graphics in MS-Word.

Room No: _____ Regd No 55

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I BCA/B.Sc(MSCS,MCCS,MPCS,MECS)	Max Marks	: 60
Subject	: Computer Science	Pass Mark	: 24
Title of Paper	: Programming With C	Duration	: 3Hrs
Paper Code	: R20BCA102A/R20CSC101A	Time	: 2pm – 5pm
W.E.F	: 2023-24	Date	: 12-06-2024

SECTION-A

I. Answer any FIVE of the following Questions **5X4=20M**

1. Explain formatted input and output functions in C?

2. Explain in detail Entry control and Exit control loop in C?

3. Explain call by value and call by reference with example

4. Write a C program for matrix addition?

5. Explain Storage classes in C?

6. What is recursion? Write a C program to find the factorial using recursion?

7. Explain the difference of structure and union with example?

8. Explain fseek (), ftell () with example?

SECTION-B

II. Answer ALL the following Questions **5X8=40M**

9. Explain in detail different Operators in C?

(OR)

10. Explain Data types in C briefly?

11. Explain in detail Decision making control statements in C?

(OR)

12. Explain array and its classifications in detail?

13. Define String? Explain string handling functions in detail with example?

(OR)

14. Define Function? Explain the categories of functions in detail?

15. What is dynamic memory allocation ? Explain malloc(),calloc(),realloc()functions with suitable example?

(OR)

16. Define pointer? Explain Pointer to Arrays and Functions with suitable example

17. Explain about fread (), fwrite (), feof () and fflush () in detail?

(OR)

18. Write short notes on file management in C?

Room No: _____ **Regd No:** 56

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS

I – SEMESTER END EXAMINATIONS

Class	: I B.Com , BBA , BCA (Honours)	Max Marks	: 50
Subject	: Commerce	Pass Mark	: 20
Title of Paper	: Entrepreneurship Development	Duration	: 2 Hrs
Paper Code	: R23SDPA101	Time	: 2pm-4pm
W.E.F	: 2023-24	Date	: 06.06.2024

SECTION-A

I. Answer any FOUR of the following Questions **4X5=20M**

1. Define Entrepreneur?

2. Define the meaning of start -up?

3. Define Entrepreneurship?

4. Project report.

5. IDBI

6. IFCI

7. Tax Holiday

8. Rehabilitation Allowance.

SECTION-B

II. Answer any THREE of the following Questions **3X10=30M**

9. What are the qualities of successful Entrepreneur?

10. Explain the role of Women Entrepreneur.

11. Explain various sources in developing business ideas.

12. What are the functions of NABARD?

13. Explain the role of various financial institutions in promoting SSI.

Room No: _____ **Regd No:** 57

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Com , BBA, BCA	Max Marks	: 60
Subject	: Commerce	Pass Mark	: 24
Title of Paper	: Fundamentals of Commerce	Duration	: 3 Hrs
Paper Code	: R23COM101	Time	: 2pm-5pm
W.E.F	: 2023-24	Date	: 10.06.2024

SECTION-A-1141

I. Answer ALL the following Questions **5X12=60M**

1. Define International Trade? Explain its Advantages and Disadvantages?

(OR)

2. Define Balance of payment? Explain various components of BOP?

3. What is National Income? Explain different methods of its measurement?

(OR)

4. What is perfect competition market? Explain its characteristics?

5. Define Accounting ? Explain the objectives of Accounting and Advantages of accounting?

(OR)

6. What are the differences between Financial Accounting , Cost Accounting and Management Accounting?

7. Define Tax? Explain different types of Tax?

(OR)

8. Define GST? Explain objectives of GST?

SECTION-B-11411

9. Explain about Digital Marketing

(OR)

10. Explain about Search Engine optimization (SEO)

Room No: _____ **Regd No:** 58

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Com , BBA, BCA	Max Marks	: 60
Subject	: Commerce	Pass Mark	: 24
Title of Paper	: Business Organisation	Duration	: 3 Hrs
Paper Code	: R23COM102	Time	: 2pm-5pm
W.E.F	: 2023-24	Date	: 11-06-2024

SECTION-A-1142

I. Answer ALL the following Questions **5X12=60M**

1. Explain the objectives of business?

(OR)

2. What is trade? Explain the different types of trade?

3. What are the characteristic features of Sole Proprietorship?

(OR)

4. What is joint Stock Company? Explain its features?

5. What are the objectives of plant layout? Explain its importance?

(OR)

6. What are the factors that influence the selection of a plant location?

7. What are the objectives of Rationalization? Explain its importance?

(OR)

8. What is business combination and its characteristics?

SECTION-B-11421

9. Explain about Cryptography.

(OR)

10. Explain about block diagram of a computer.

Room No: _____ **Regd No** 59

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Com(Gen,TP,Comp,Log),BBA,BCA	Max Marks	: 50
Subject	: Commerce	Pass Mark	: 20
Title of Paper	: Insurance Promotion	Duration	: 2Hrs
Paper Code	: R20SDC102B	Time	: 2 pm - 4pm
W.E.F	: 2022-23	Date	: 06.06.2024

SECTION-A

I. Answer any FIVE of the following Questions **5X4=20M**

1. Meaning of Insurance Policy

2. Life Insurance

3. Health Insurance Plans

4. Insurance Counselling

5. Sales Promotion Methods

6. Fire Insurance

7. General Insurance

8. Customer Loyalty

SECTION-B

II. Answer any THREE the following Questions **3X10=30M**

9. Explain the Principles of Insurance?

10. Explain various types of Insurance?

11. Write about the extending Post Insurance Services to Customers?

12. How do you explain your customers about General Insurance Products?

13. Define Marine Insurance and Explain its Advantages?

Room No: _____ **Regd No** 60

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I – SEMESTER END EXAMINATIONS

Class	: I BBA	Max Marks	: 60
Subject	: Commerce	Pass Mark	: 24
Title of Paper	: Principles of Management	Duration	: 3Hrs
Paper Code	: R20BBA101A	Time	: 2Pm-5Pm
W.E.F	: 2022-23	Date	: 10.06.2024

SECTION-A

I. Answer any FIVE of the following Questions **5X4=20M**

1. Explain levels of Management.
2. What is scientific management.
3. Write about advantages of Planning.
4. What is Decentralisation.
5. What is Span of Control.
6. Mention the importance of Motivation.
7. Types of Communication.
8. Explain Budgetary Control.

SECTION-B

II. Answer ALL the following Questions **5X8=40M**

9. Define Management and it's Functions.

(OR)

10. Explain trends and challenges of Management in global scenario.

11. Define Planning and explain the types of planning.

(OR)

12. Define MBO. And explain benefits and weakness of MBO.

13. Explain advantages and disadvantages of Line and Staff organization.

(OR)

14. Write about Principles of Organization.

15. Define Motivation and explain Maslow need hierarchy theory.

(OR)

16. Discuss various barriers of Communication.

17. Explain steps involved in the process of Control.

(OR)

18. Explain any four Non budgetary control Techniques.

Room No: _____ Regd No: 61

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Com (Log)	Max Marks	: 60
Subject	: Commerce	Pass Mark	: 24
Title of Paper	: Economies of Transport	Duration	: 3 Hrs
Paper Code	: R20COML103A	Time	: 2pm - 5pm
W.E.F	: 2022-23	Date	: 12-06-2024

SECTION-A

I. Answer any FIVE of the following Questions **5X4=20M**

1. Explain the meaning of Transport

2. Explain the evolution of Transport.

3. Explain the importance of Road Transport.

4. Write about Rail transport in India.

5. What are the advantages of Water Transport?

6. Write about Air Transport.

7. What are the advantages of Air Transport?

8. Explain the importance of Rail Transport.

SECTION-B

II. Answer ALL the following Questions **5X8=40M**

9. Explain the various modes of Transport.

(OR)

10. What are the advantages of Transport.

11. Explain the insurance of road transport and its types.

(OR)

12. What are the disadvantages of Road Transport.

13. Explain the price fixation in Rail Transport.

(OR)

14. What are the disadvantages of Rail Transport.

15. Explain the price fixation in Water Transport.

(OR)

16. Explain the various insurance formalities in international trade routes.

17. Explain the importance of Air Transport.

(OR)

18. Explain the price fixation in Air Transport.

Room No: _____ **Regd No** 62

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I – SEMESTER END EXAMINATIONS

Class	: I BBA	Max Marks	: 60
Subject	: Commerce	Pass Mark	: 24
Title of Paper	: Managerial Economics	Duration	: 3Hrs
Paper Code	: R20BBA102A	Time	: 2pm-5pm
W.E.F	: 2022-23	Date	: 11-06-2024

SECTION-A

I. Answer any FIVE of the following Questions **5X4=20M**

1 Incremental Principle
2. Explain the law of Demand and its exception
3. What is Law of Supply and what are its exceptions
4. Write about Concept of Cost?
5. Explain about Macro Economics Analysis?
6. Circular flow of Income
7. Measurement of elasticity of demand
8. Consumer equilibrium

SECTION-B

II. Answer ALL the following Questions **5X8=40M**

9. Explain Nature, Scope of Managerial Economics?

(OR)

10. Subject matter and importance of micro economics?

11. Demand function/determinants of demand?

(OR)

12. State and Explain Law of Demand?

13. Causes for the downfall of the demand curve?

(OR)

14. Explain Marginal rate of substitution?

15. State and explain law of variable proportion?

(OR)

16. Explain Law of returns to scale?

17. Explain different national income concepts?

(OR)

18. Theory of Income and Employment?

Room No: _____ Regd No 63

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Com(GEN,TP,COMP,LOG)	Max Marks	: 75
Subject	: Commerce	Pass Marks	: 30
Title of Paper	: Fundamentals of Accounting	Duration	: 3Hrs
Paper Code	: R20COM101	Time	: 2pm - 5pm
W.E.F	: 2022-23	Date	: 10.6.2024

SECTION-A

I. Answer any FIVE of the following questions **5X5=25M**

1. Explain the Objectives of accounting
2. Write about contra entry
3. Debit Note and Credit Note
4. Need for Bank Reconciliation
5. Trial Balance
6. Balance Sheet
7. Explain the features of accounting
8. Types of errors

SECTION-B

II. Answer the ALL following questions **5X10=50M**

9. Define Accounting ? write the Functions of Accounting.

(OR)

10. Journalise the following Transactions

		Rs.
2015 June	1 Gopi Started Business with	80,000
	2 Paid into Bank	50,000
	4 Bought goods for cash	10,000
	12 Sold goods for cash	20,000
	17 Purchased Furniture from Vijay	5,000
	18 Sold goods to Ganesh	10,000
	19 Withdraw from the Bank for personal use	5,000
	20 Purchase goods from Ramu	5,000
	25 Interest received	200
	30 Salaries Paid	1,000

11. Explain various types of Subsidiary books

(OR)

12. From the following particulars, prepare three columns cash book of Lakshmi

2008 November		Rs.
1	Cash balance	80000
	Bank balance	30,000
5	Cash sales	5,000
6	Paid into bank	25,000
8	Cash received from Mohan	2,000
	And cheque (in full settlement of Rs.5,000)	2,900
10	Cash withdrawn from bank for office use	2,000
18	Bought machinery paid by cheque	10,000
21	Received commission	800
25	Purchases paid through cheque	4,000
30	Paid to prasad by cheque	7,000

[P.T.O]

13. Explain the reasons for differences between Cash book and Pass book balances.

(OR)

14. Prepare a Bank Reconciliation Statement from the following

	Rs.
a) Balance as per cash book	80,000
b) Cheques issued but not presented	4,000
c) Cheques paid into the Bank but not collected	3,000
d) Interest credited in pass book only	100
e) Wrong credit in pass book	6,000
f) Bank charges debited in pass book only	40

15. Explain the objectives and types of preparation of trail balance

(OR)

16. Rectify the following errors

a) Goods purchased from Mani for Rs.3000 passed through sales book

b) Received a bill from Arun for Rs. 500 passed through bills payable book

c) An item of Rs. 150 relating to prepaid rent has omitted to be brought forward.

d) Rs.500 paid to Hari were debited to Giri account

e) Sales day book was overcast by Rs.200.

f) Goods sold to Krishna for Rs. 430 has been credited as Rs.340.

h) Salaries paid Rs.890 posted to salaries account as Rs.980.

17. Distinguish between Capital expenditure and Revenue expenditure.

(OR)

18. Following is the Trial Balance of Ganesh as on 31-12-2016

Particulars	Dr Rs.	Cr Rs.
Capital and Drawings	20,000	1,00,000
Purchases and sales	21,900	51,800
Returns	800	500
Debtors and Creditors	16,100	30,000
Discount	1,000	2,200
Opening Stock	12,000	
Wages	1,840	
Furniture	2,560	
Motor Car	24,000	
Buildings	60,000	
Rent & Rates	900	
Advertisements	1,300	
Salaries	8,200	
Insurance	3,400	
Interest		1,500
Cash	12,000	
	186000	**186000**

Adjustments:

a) Closing stock Rs.25,000

b) Outstanding wages Rs.160

c) Prepaid insurance Rs.400

Prepare the trading and profit and loss account and balance sheet of Ganesh.

Room No: _____ Regd No 65

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Com(GEN,TP,COMP,LOG)	Max Marks	: 60
Subject	: Commerce	Pass Marks	: 24
Title of Paper	: Fundamentals of Accounting	Duration	: 3Hrs
Paper Code	: R20COM101A	Time	: 2Pm-5Pm
W.E.F	: 2022-23	Date	: 10.06.2024

SECTION-A

I. Answer any FIVE of the following questions **5X4=20M**

1. Explain the golden rules of accounting
2. Write about contra entry
3. What is Suspense Account
4. Need for Bank Reconciliation
5. Trial Balance
6. Balance Sheet
7. Explain the features of accounting
8. Types of errors

SECTION-B

II. Answer the ALL following questions **5X3 =40M**

9. Explain the Concepts of Accounting.

(OR)

10. Journalise the following Transactions

	Rs.
2015 June 1 Raju Started Business with	90,000
2 Paid into Bank	40,000
4 Bought goods for cash	10,000
12 Sold goods for cash	20,000
17 Purchased Furniture from Vijay	5,000
18 Sold goods to Ganesh	10,000
19 Withdraw from the Bank for personal use	5,000
20 Purchase goods from Ramu	5,000
25 Interest received	200
30 Salaries Paid	1,000

11. Explain various types of Subsidiary books

(OR)

12. From the following particulars, prepare three columns cash book of Badri.

	Rs.
2018 November	
1 Cash balance	88,000
Bank balance	30,000
5 Cash sales	5,000
6 Paid into bank	25,000
8 Cash received from Mohan	2,000
And cheque (in full settlement of Rs.5,000)	2,900
10 Cash withdrawn from bank for office use	2,000
18 Bought machinery paid by cheque	10,000
21 Received commission	800
25 Purchases paid through cheque	4,000
30 Paid to Ganesh by cheque	7,000

[P.T.O]

13. Explain the reasons for differences between Cash book and Pass book balances.

(OR)

14. Prepare a Bank Reconciliation Statement from the following

	Rs.
a) Balance as per cash book	60,000
b) Cheques issued but not presented	4,000
c) Cheques paid into the Bank but not collected	3,000
d) Interest credited in pass book only	100
e) Wrong credit in pass book	6,000
f) Bank charges debited in pass book only	40

15. Explain the objectives and types of preparation of trail balance

(OR)

16. Rectify the following errors

a) Goods purchased from Mani for Rs.3300 passed through sales book

b) Received a bill from Arun for Rs. 500 passed through bills payable book

c) An item of Rs. 150 relating to prepaid rent has omitted to be brought forward.

d) Rs.500 paid to Hari were debited to Giri account

e) Sales day book was overcast by Rs.200.

f) Goods sold to Krishna for Rs. 430 has been credited as Rs.340.

h) Salaries paid Rs:890 posted to salaries account as Rs.980.

17. Distinguish between Capital expenditure and Revenue expenditure.

(OR)

18. Following is the Trial Balance of shukla as on 31-12-2016

Particulars	Dr Rs.	Cr Rs.
Capital and Drawings	20,000	2,00,000
Purchases and sales	21,900	51,800
Returns	800	500
Debtors and Creditors	16,100	30,000
Discount	1,000	2,200
Opening Stock	12,000	
Wages	1,840	
Furniture	2,560	
Motor Car	24,000	
Buildings	1, 60,000	
Rent & Rates	900	
Advertisements	1,300	
Salaries	8,200	
Insurance	3,400	
Interest		1,500
Cash	12,000	
	286000	**286000**

Adjustments:

a) Closing stock Rs.25,400

b) Outstanding wages Rs.160

c) Prepaid insurance Rs.400

Prepare the trading and profit and loss account and balance sheet of Shukla.

Room No: _____ **Regd No** 67

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I – SEMESTER END EXAMINATIONS

Class	: I BBA	Max Marks	: 60
Subject	: Commerce	Pass Mark	: 24
Title of Paper	: Quantitative Methods for Managers	Duration	: 3Hrs
Paper Code	: R20BBA103A	Time	: 2pm – 5pm
W.E.F	: 2022-23	Date	: 12-06-2024

SECTION-A

I. Answer any FIVE of the following Questions **5X4=20M**

1. Write the advantages of statistics

2. Explain about primary data

3. Write about discuss about questionnaire

4. What is classification and tabulation of data

5. Explain characteristics of good average

6. Explain type various types of correlation

7. Probable error – Discuss

8. Discuss state system state in India

SECTION-B

II. Answer ALL the following Questions **5X8=40M**

9. Write the differences between primary data and secondary data

(OR)

10. Mr. A asks 60 people what their favourite colour is and separates the answers into 5 categories. His results are shown in the table below. Draw a **pie chart** to display Mr.A's results.

Colour	Red	Blue	Green	Yellow	Other
Frequency	10	13	24	5	8

11. What is dispersion explain various objectives of dispersion

(OR)

12. From the following data calculate Median

C.I	0-20	20-40	40-60	60-80	80-100	100-120	120-140	140-160
F	1	14	35	85	90	45	18	2

[P.T.O]

13. Write the differences between Correlation and Regression

(OR)

14. From the following data find out Co efficient of Correlation and Probable Error

X	50	50	55	60	65	65	65	60	60	50
Y	11	13	14	16	16	15	15	14	13	13

15. Write about different types of Progressions

(OR)

16. In a class of 40 students. 20 students have opted for economics, 12 students have taken economics but not statistics find

i The number of students who have taken economics and statistics

ii The number of students who have taken statistics but not economics

17. Define Matrix and explain various types of Matrix

(OR)

18. Solve by Inverse Method

$x + y + z = 6$

$2x + 5y + 5z = 27$

$2x + 5y + 11z = 45$

Room No: _____ Regd No 69

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Voc(WT)	Max Marks	: 60
Subject	: Computer Science	Pass Mark	: 24
Title of Paper	: Computer Organisation	Duration	: 3Hrs
Paper Code	: R20WSCO101A/R20ITCO101A	Time	: 2pm-5pm
W.E.F	: 2022-23	Date	: 14-06-2024

SECTION-A

I. Answer any FIVE of the following Questions **5X4=20M**

1. Write the procedure for Converting Decimal number system to Binary Number.

2. Explain about representation of integer & Floating point values.

3. Explain about Ex-or gate with its symbol and truth Table.

4. Explain about inverter gate and Buffer gate.

5. Illustrate the working of D flip-Flop with its symbol.

6. Write a short note on full adder.

7. Differentiate between RAM and ROM

8. Define Cache memory. Give Its Applications

SECTION-B

II. Answer ALL the following Questions **5X8=40M**

9. Explain different types of Number System.

(OR)

10. Convert the following $(1101)_2 \rightarrow (?)_{10}$

$(22)_8 \rightarrow (?)_{10}$

11. Explain AND gate & Or gate with its symbols & truth Tables.

(OR)

12. Explain about Karnaugh map with an example.

13. Explain about SR Flip Flop.

(OR)

14. Explain about JK- flip Flop.

15. Explain about integrate Circuits. Give its advantage.

(OR)

16. Explain about 4X1 multiplexer with a neat diagram

17. Explain the Memory Hierarchy.

(OR)

18. Explain the working of Auxiliary and Associate Memory.

Room No: _____ Regd No 70

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Com(GEN)	Max Marks	: 75
Subject	: Commerce	Pass Mark	: 30
Title of Paper	: Business Environment	Duration	: 3Hrs
Paper Code	: R20COMG103	Time	: 2pm-5pm
W.E.F	: 2022-23	Date	: 12-06-2024

SECTION-A

I. Answer any FIVE of the following Questions **5X5=25M**

1. Scope of Business Environment

2. Concept of Environment

3. Five years Plan

4. Write a short notes on Nature of Economy?

5. Write about Fiscal policy?

6. What is Monetary Policy?

7. What is the meant by WTO?

8. Political Stability

SECTION-B

II. Answer ALL the following Questions **5X10=50M**

9. What is Micro and Macro Environment in relation to External and Internal Environment?

(OR)

10. Explain Characteristics of Business Environment?

11. Explain the significance of Environmental Analysis?

(OR)

12. Explain the National Development Council?

13. Explain the functions of RBI?

(OR)

14. Explain about New Economic Policy?

15. Write about the impact of GST on Legal Changes?

(OR)

16. Explain the responsibilities of business towards Stakeholders?

17. Explain the terms IBRD and SAARC?

(OR)

18. Write about the ASEAN in Globalisation ?

Room No: _____ **Regd No** 71

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Com(Computers)	Max Marks	: 75
Subject	: Commerce	Pass Mark	: 30
Title of Paper	: Information Technology	Duration	: 3Hrs
Paper Code	: R20COMC103	Time	: 2pm-5pm
W.E.F	: 2022-23	Date	: 12-06-2024

SECTION-A

I. Answer any FIVE of the following Questions **5X5=25M**

1. Explain characteristics of computers.
2. Write about Control Panel.
3. Explain about Cryptology.
4. Explain about Find and Replace in MS-WORD.
5. Explain about mailing labels.
6. Explain Cell Referencing techniques.
7. Explain about validation in Excel.
8. Write the steps to set slide number.

SECTION-B

II. Answer ALL the following Questions **5X10=50M**

9. Explain about block diagram of a computer.

(OR)

10. Explain about types of networks.

11. Write about DOS internal and external commands.

(OR)

12. Explain about windows operating system.

13. Explain mail merge procedure.

(OR)

14. Explain about header and footer in MS-WORD.

15. Explain different types of charts in MS-EXCEL.

(OR)

16. Explain about Pivot Table.

17. Explain about different parts of a power point window.

(OR)

18. Explain multimedia in power point.

Room No: _____ **Regd No** 72

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Com(GEN)	Max Marks	: 60
Subject	: Commerce	Pass Mark	: 40
Title of Paper	: Business Environment	Duration	: 3Hrs
Paper Code	: R20COMG103A	Time	: 2pm-5pm
W.E.F	: 2022-23	Date	: 12-06-2024

SECTION-A

I. Answer any FIVE of the following Questions **5X54=20M**

1. Concept of business environment.

2. Nature of the Economy.

3. Structure of the Economy.

4. New Economic policy.

5. Monetory policy

6. Political stability.

7. Trade blocks.

8. Demonetisation.

SECTION-B

II. Answer ALL the following Questions **5X8=40M**

9. Define business environment. Explain the scope and features of business environment.

(OR)

10. Explain macro environment.

11. Discuss about NITI Ayog.

(OR)

12. Explain about national development council.

13. Explain about new industrial policy.

(OR)

14. What are the objectives and advantages of fiscal policy.

15. Explain the concept social responsibility of business towards stakeholders.

(OR)

16. Explain the impact of legal environment towards business.

17. Explain the role and functions of W.T.O.

(OR)

18. Explain about the IBRD and BRICS in Globalization.

Room No: _____ Regd No 73

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Com(GEN,TP,COMP,LOG)	Max Marks	: 75
Subject	: Commerce	Pass Marks	: 30
Title of Paper	: Business Organisation & Management	Duration	: 3Hrs
Paper Code	: R20COM102	Time	: 2pm – 5pm
W.E.F	: 2022-23	Date	: 11-06-2024

SECTION-A

I. Answer any FIVE of the following questions **5X5 = 25M**

1. Trade and Commerce

2. Concept of Business

3. Joint Stock Company

4. Multinational Company

5. Articles of Association

6. Certificate of Incorporation

7. Management

8. Planning

SECTION-B

II. Answer the ALL following questions **5X10=50 M**

9. Explain the features of Business.

(OR)

10. Explain briefly about classification of Industry

11. What are the advantages and disadvantages of partnership business

(OR)

12. Difference between private limited and public limited company

13. Explain about contents of prospects

(OR)

14. What are the clauses of MOA

15. Write about various levels of Management

(OR)

16. Write about difference between administration vs management

17. Explain about planning process

(OR)

18. What are the functions of management

Room No: _____ **Regd No** 74

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Voc(IT,ITes), WT&SD	Max Marks	: 60
Subject	: Computer Science	Pass Mark	: 24
Title of Paper	: Computer Organisation	Duration	: 3Hrs
Paper Code	: ITCO101/R20WSCO101	Time	: 2pm - 5pm
W.E.F	: 2022-23	Date	: 14-06-2024

SECTION-A

I. Answer any FIVE of the following Questions **5X4=20M**

1. Write a procedure for converting Decimal Number System to Octal Number System with a Suitable Example?
2. Discuss about floating point representation?
3. Explain about 1's compliment
4. Explain about INVERTER gate with the truth table?
5. Explain about T Flip Flop?
6. Explain about Half Adder and Full Adder
7. Define RAM and ROM and explain the differences?
8. Explain about Auxiliary memory

SECTION-B

II. Answer ALL the following Questions **5X8=40M**

9. Write the Conversions i) $(10001)_2 = (?)_{10}$ ii) $(7CF)_{16} = (?)_{10}$

(OR)

10. Discuss about different Number systems in detail?
11. Explain about NAND gate and NOR Gate with Truth Table?

(OR)

12. Explain about Karnaugh Map with a suitable example?
13. Explain about D flip flop in detail?

(OR)

14. Explain about JK Flip flop in detail?
15. Explain about Integrated Circuits in detail?

(OR)

16. Explain about 4 X 1 Multiplexer in detail?
17. Explain about different types of Memories?

(OR)

18. Explain about memory connection for 1024x8

Room No: _____ Regd No 75

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Sc/B.Com/BBA(MPC,CBZ,GEN,TP,BBA)	Max Marks	: 75
Subject	: Computer Science	Pass Mark	: 30
Title of Paper	: Computer Fundamentals & Internet	Duration	: 3Hrs
Paper Code	: CBICF101	Time	: 2pm – 5pm
W.E.F	: 2015-16	Date	: 14-06-2024

SECTION-A

I. Answer any FIVE of the following Questions **5X5=25M**

1. Explain Basic I/O Devices of computer.
2. Explain Characteristics of computer.
3. Write about cache memory.
4. Explain about wild card characters in DOS with example.
5. What is booting and its types.
6. Write about control panel.
7. Write the features of internet.
8. Explain about window explorer.

SECTION-B

II. Answer ALL the following Questions **5X10=50M**

9. Explain Generations of computer.

(OR)

10. Explain different types of printers.
11. Define operating system? Explain types of operating systems.

(OR)

12. Explain functions of operating system.
13. How to create batch file in DOS.

(OR)

14. Explain DOS internal commands.
15. Explain accessories and its applications.

(OR)

16. Draw and explain desktop and its icons.
17. Explain the procedure to create E-mail.

(OR)

18. Define internet? Explain the history of internet.

Room No: _____ Regd No: 76

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS

I – SEMESTER END EXAMINATIONS

Class	: I B.Com (Gen, TP, Comp, Log)	Max Marks	: 60
Subject	: Commerce	Pass Mark	: 24
Title of Paper	: Business Organisation And Management	Duration	: 3 Hrs
Paper Code	: R20COM102A	Time	: 2pm-5pm
W.E.F	: 2020-21	Date	: 11-06-2024

SECTION-A

I. Answer any FIVE of the following Questions **5X4=20M**

1. Aids to trade

2. Concept of business

3. Top level management

4. Line and staff Organisation

5. Multinational corporations

6. Joint stock company

7. Prospectus

8. Administration

SECTION-B

II. Answer ALL the following Questions **5X8=40M**

9. What is Business? Explain features of Business.

(OR)

10. Define industry? Explain the classification of industry.

11. What are the advantages and disadvantages of Joint stock company.

(OR)

12. What is Partnership business? Explain its merits and demerits

13. What is mean by Articles of Association? What are its contents.

(OR)

14. What is prospectus? What are its contents?

15. Explain Difference Between Management and Administration

(OR)

16. Describe the Henry Fayal's 14 principles of Management

17. Explain the functions of Management

(OR)

18. What are the advantages and disadvantages of Planning

Regd No:_____ Room No: 77

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I B.Com (Gen, Tp, Comp, Log) BBA	Max Marks	: 75
Subject	: Commerce	Pass Mark	: 30
Title of Paper	: Business Organisation	Duration	: 3 Hrs
Paper Code	: CBBO101A	Paper Time	: 2pm-5pm
W.E.F	: 2018-19	Date	: 11.06.2024

SECTION – A

I. Answer any FIVE Of the following questions. **5X5=25M**

1. Explain the concepts of Business, Industry & Commerce.
2. Types of Entrepreneurs.
3. Hindu undivided family firm.
4. Co-operative societies.
5. Kinds of partners.
6. Prospectus and its contents.
7. Kinds of companies.
8. Clauses of Memorandum of Association.

SECTION –B

II. Answer ALL the following Questions **5X10=50M**

9. Define Business and explain characteristic features of business.

(OR)

10. Define trade and explain Aids to trade.
11. Explain the characteristics of a good entrepreneur.

(OR)

12. Explain the functions of Entrepreneurship.
13. What is sole proprietorship? Explain its advantages and disadvantages.

(OR)

14. What are the Advantages and disadvantages of partnership.
15. Explain the characteristics of Joint Stock company.

(OR)

16. Explain differences between private limited company and public limited company.
17. Explain preparation of important Documents for incorporation of company.

(OR)

18. Explain the differences between memorandum of Association and Articles of Association.

*****

Regd No:_____ Room No: 78

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
I SEMESTER END EXAMINATIONS

Class	: I BCOM(GEN)	Max Marks	: 75
Subject	: Commerce	Pass Mark	: 30
Title of Paper	: BUSINESS ECONOMICS	Duration	: 3 Hrs
Paper Code	: CBBE101A	Paper Time	: 2pm - 5pm
W.E.F	: 2018-2019	Date	: 10.06.2024

SECTION – A

I. Answer any FIVE Of the following questions. **5X5=25M**

1. Cardinal utility and ordinal utility
2. Determinants of Demand.
3. Cross Demand.
4. Point methods.
5. Definition of price elasticity of Demand
6. Relation between AC and MC.
7. Fixed cost and variable cost.
8. Definitions of Business Economics.

SECTION –B

II. Answer ALL the following Questions **5X10=50M**

9. Explain the nature and scope of Business Economics.

(OR)

10. Distinguish between Micro Economics and Macro Economics.

11. Explain the Law of Demand and its exceptions.

(OR)

12. Define Demand and Explain the types of Demand.

13. Define price elasticity of Demand and types of Price elasticity of Demand.

(OR)

14. What are the methods to measuring elasticity of Demand?.

15. Define Cost and Classification of costs.

(OR)

16. Explain short run and Long run costs.

17. Explain Break Even Analysis. Describe uses and limitations.

(OR)

18. Define Revenue and explain different types of Revenue.

Room No: _____ **Regd No** 79

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Sc(CBZ)	Max Marks	: 75
Subject	: Botany	Pass Marks	: 30
Title of Paper	: Fundamentals of Microbes & Non Vascular Plants	Duration	: 3Hrs
Paper Code	: R20BOT101	Time	: 2pm-5pm
W.E.F	: 2022-23	Date	: 10.06.24

SECTION-A

I. Answer all the questions **5 x 2 = 10M**

1. Prions

2. Archaebacteria

3. Lichens

4. Unilocular Sporangia

5. Gemma cup.

SECTION-B

II. Answer ALL the following Questions 5X3=15M

6. Virioids

7. Binary fission

8. Blast of rice

9. Cystocarp

10. Antheridia

SECTION – C

III Answer any five of the following questions **5 x 10 = 50M**

11. Describe the symptoms and transmission methods of Plant diseases caused by Viruses.

(OR)

12. Write about significance of Viruses in Vaccine production.

13. Describe the reproduction in Bacteria.

(OR)

14. Describe the economic importance of Bacteria.

15. Explain the process of reproduction in Lichens.

(OR)

16. Write an account on life history of Rhizopus and Puccinia.

17. Write an account on the economic importance of Algae.

(OR)

18. Write an account on reproduction and life cycle of Spirogyra.

19. Describe the life cycle and reproduction of Marchantia.

(OR)

20. Describe the Sporophytic evolution in Bryophytes.

Room No: _____ **Regd No:** 80

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Sc (Microbiology/Biotechnology)	Max Marks	: 60
Subject	: Microbiology/Biotechnology	Pass Mark	: 24
Title of Paper	: Introduction to Applied Biology	Duration	: 3 Hrs
Paper Code	: R23BM102	Time	: 2 pm - 5 pm
W.E.F	: 2023-24	Date	: 11-06-2024

SECTION-A-12441

I. Answer ALL the following Questions **5X12=60M**

1. Write the structure and characteristics of bacteria and archeabacteria and virus.

(OR)

2. Define immunity and write about the types of immunity.

SECTION-B-12442

3. Give an account on carbohydrates.

(OR)

4. Define aminoacids and write their classification?

SECTION-C-1244

5. Write about Genetic Engineering with emphasis on Restriction enzymes and cloning vectors.

(OR)

6. Write about Biofertilizers and Biopesticides and mention few applications of biotechnology in pharmaceutical sciences.

7. What is PCR? What are the key components required for PCR reaction? Explain in detailed about principle and method of working of PCR.

(OR)

8. What is DNA Fingerprinting ? How is it use to identify individuals ? Explain the methodology

SECTION-D-12443

9. What are the types of Biological data.

(OR)

10. What are the measures of dispersion.

Room No: _____ **Regd No:** 81

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Sc (Microbiology/Biotechnology)	Max Marks	: 60
Subject	: Microbiology	Pass Mark	: 24
Title of Paper	: Introduction to Classical Biology	Duration	: 3 Hrs
Paper Code	: R23BM101	Time	: 2pm-5pm
W.E.F	: 2023-24	Date	: 10.06.2024

SECTION-A-1243

I. Answer ALL the following Questions **5X12=60M**

1. Write an essay on ICBN/ICN.

(OR)

2. What is Pollution and types of Pollution.

3. Write an essay on Classification of Plant Kingdom.

(OR)

4. Explain procedure for Mushroom Cultivation.

SECTION-B-12431

5. Write an essay on Fertilization and cleavage.

(OR)

6. Give a brief account on Sericulture, Apiculture and Aquaculture.

7. What is cell cycle and mention its stages. Write about M phase with all of its stages.

(OR)

8. Write in detail about central dogma with diagram. Origin of life

SECTION-C-12432

9. Describe the applications of chemistry in daily life

(OR)

10. Write about the following :

1) Hydrogen bond

2) Non-Covalent bond: VAN DER WAALS AND HYDROPHOBIC

Room No: _____ Regd No 82

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Sc(CBZ)	Max Marks	: 60
Subject	: Zoology	Pass Mark	: 24
Title of Paper	: Biology Of Non-Chordates	Duration	: 3Hrs
Paper Code	: R20ZOO101A	Time	: 2pm-5pm
W.E.F	: 2022-23	Date	: 11-06-2024

SECTION-A

I. Answer any FOUR of the following Questions 5X4=20M

Draw labeled diagrams wherever necessary.

1. Binominal Nomenclature

2. Obelia

3. Coral reefs

4. Cestoda

5. Nemathelminthes

6. Polychaeta

7. Book lungs

8. Bipinnaria larva

SECTION-B

II. Answer ALL the following Questions 5X8=40

Draw labeled diagrams wherever necessary.

9. Write an essay on Whittaker's five kingdom concept and classification.

(OR)

10. Describe the life cycle of Elphidium with neat labeled diagram.

11. Describe various types of canal systems.

(OR)

12. Write an essay on polymorphism in Coelenterates.

13. Give an account of life history of Fasciola hepatica.

(OR)

14. Describe the pathogenicity of Ascaris lumbricoides.

15. Write an essay on processing and economic importance of Vermicompost.

(OR)

16. Describe the structure and affinities of Peripatus.

17. Describe the process of Torsion in Gastropoda.

(OR)

18. Describe the Water Vascular system in star fish.

Room No: _____ **Regd No:** 83

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I BA (Political Science)	Max Marks	: 60
Subject	: Politics	Pass Mark	: 24
Title of Paper	: Perspectives on Indian Society	Duration	: 3 Hrs
Paper Code	: R23PS102	Time	: 2 pm - 5pm
W.E.F	: 2023-24	Date	: 11-06-2024

SECTION-A-1144

I. Answer ALL the following Questions **5X12=60M**

1. Explain about Social Groups and Social Dynamics

(OR)

2. Write a note on men in Society

3. Explain about Indian Dance , Music and Yoga

(OR)

4. What are the different types of tourism.

5. What are the Elements of Indian Constitution

(OR)

6. Give a detail note on Philosophy of the Indian constitution

7. Explain about Commercial Banks

(OR)

8. What are the functions of R.B.I

SECTION-B-11441

9. Discuss E-mail Advantages and Disadvantages

(OR)

10. Explain the Artificial Intelligence Applications

Room No: _____ **Regd No:** 84

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I BA (Political Science)	Max Marks	: 60
Subject	: Politics	Pass Mark	: 24
Title of Paper	: Fundamentals of Social Sciences	Duration	: 3 Hrs
Paper Code	: R23PS101	Time	: 2pm – 5pm
W.E.F	: 2023-24	Date	: 10.06.2024

SECTION-A-1143

I. Answer ALL the following Questions **5X12=60M**

1. Explain the nature and scope of social sciences

(OR)

2. Explain Methods and Approaches of Social Sciences

3. Explain the different types of Histories

(OR)

4. Explain types of history and chronology of Indian history

5. Explain the importance of Social Psychology

(OR)

6. Explain importance of Psychology for present society

7. Explain the meaning characteristics and scope of Microeconomics

(OR)

8. Explain various aspects of economic growth and development

SECTION-A-11431

9. Explain about various types of Network

(OR)

10. Explain about the history of Internet

Room No: _____ **Regd No:** 85

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

I – SEMESTER END EXAMINATIONS

Class	: I B.Sc , B.Com , BA	Max Marks	: 50
Subject	: Psychology	Pass Mark	: 20
Title of Paper	: Principles of Psychology	Duration	: 2 Hrs
Paper Code	: R23MDP101	Time	: 2pm - 4pm
W.E.F	: 2023-24	Date	: 12-06-2024

SECTION-A

I. Answer any FOUR of the following Questions **4X5=20M**

1. Scope of psychology

2. Attention

3. Emotion

4. Components of emotion

5. Characteristics of learning

6. Schedules of reinforcement

SECTION-B

II. Answer any THREE of the following Questions **3X10=30M**

7. Describe the nature and scope of psychology.

8. Trace the origin of psychology.

9. Define emotion and describe it's nature.

10. Discuss the role of Classical Conditioning principles in learning.

11. Define Reinforcement. Give brief description of schedules of reinforcement.

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

(Sponsored by S.K.P.V.V. Hindu High Schools' Committee)

I SEMESTER END (SUPPLEMENTARY) EXAMINATIONS:: JUNE- 2024 05/06/2024 to 12/06/2024

DATE	TIME	B.Sc.										B.Com.			B.C.A.	B.B.A.		B.Voc.	B.A.
		PHYSICS	MATHEMATICS	COMPUTERS	ELECTRONICS	STATISTICS	CHEMISTRY	DATA SCIENCE	MICROBIOLOGY	BIOTECHNOLOGY	ARTIFICIAL INTELLIGENCE	GENERAL	TP	COMPUTERS		BBA	BUSINESS ANALYTICS		POLITICAL SCIENCE
05-06-2024	2.00 pm to 4.00 pm	Communication Skills R23SDP102	Communication Skills R23SDP102	Communication Skills R23SDP102	Communication Skills R23SDP102	Communication Skills R23SDP102	Communication Skills R23SDP102	Communication Skills R23SDP102	Communication Skills R23SDP102	Communication Skills R23SDP102	Communication Skills R23SDP102	Communication Skills R23SDP102	Communication Skills R23SDP102	Communication Skills R23SDP102	Communication Skills R23SDP102	Communication Skills R23SDP102	Communication Skills R23SDP102	Communication Skills R23SDP102	Communication Skills R23SDP102
06-06-2024	2.00 pm to 4.00 pm	Entrepreneurship R23SDPA101/ Analytical Skills R23SDPB101	Entrepreneurship R23SDPA101/ Analytical Skills R23SDPB101	Entrepreneurship R23SDPA101/ Analytical Skills R23SDPB101	Entrepreneurship R23SDPA101/ Analytical Skills R23SDPB101	Entrepreneurship R23SDPA101/ Analytical Skills R23SDPB101	Entrepreneurship R23SDPA101/ Analytical Skills R23SDPB101	Entrepreneurship R23SDPA101/ Analytical Skills R23SDPB101	Entrepreneurship R23SDPA101	Entrepreneurship R23SDPA101	Entrepreneurship R23SDPA101/ Analytical Skills R23SDPB101	Entrepreneurship R23SDPA101/ Analytical Skills R23SDPB101	Entrepreneurship R23SDPA101/ Analytical Skills R23SDPB101	Entrepreneurship R23SDPA101/ Analytical Skills R23SDPB101	Entrepreneurship R23SDPA101/ Analytical Skills R23SDPB101	Entrepreneurship R23SDPA101/ Analytical Skills R23SDPB101	Entrepreneurship R23SDPA101/ Analytical Skills R23SDPB101	Entrepreneurship R23SDPA101	Entrepreneurship R23SDPA101
07-06-2024	2.00 pm to 4.00 pm	A Course in Communication and Soft Skills R23ENG101	A Course in Communication and Soft Skills R23ENG101	A Course in Communication and Soft Skills R23ENG101	A Course in Communication and Soft Skills R23ENG101	A Course in Communication and Soft Skills R23ENG101	A Course in Communication and Soft Skills R23ENG101	A Course in Communication and Soft Skills R23ENG101	A Course in Communication and Soft Skills R23ENG101	A Course in Communication and Soft Skills R23ENG101	A Course in Communication and Soft Skills R23ENG101	A Course in Communication and Soft Skills R23ENG101	A Course in Communication and Soft Skills R23ENG101	A Course in Communication and Soft Skills R23ENG101	A Course in Communication and Soft Skills R23ENG101	A Course in Communication and Soft Skills R23ENG101	A Course in Communication and Soft Skills R23ENG101	A Course in Communication and Soft Skills R23ENG101	A Course in Communication and Soft Skills R23ENG101
08-06-2024	2.00 pm to 5.00 pm	General Telugu R23TEL101/ General Hindi R23HIN101	General Telugu R23TEL101/ General Hindi R23HIN101	General Telugu R23TEL101/ General Hindi R23HIN101	General Telugu R23TEL101/ General Hindi R23HIN101	General Telugu R23TEL101/ General Hindi R23HIN101	General Telugu R23TEL101/ General Hindi R23HIN101	General Telugu R23TEL101/ General Hindi R23HIN101	General Telugu R23TEL101/ General Hindi R23HIN101	General Telugu R23TEL101/ General Hindi R23HIN101	General Telugu R23TEL101/ General Hindi R23HIN101	General Telugu R23TEL101/ General Hindi R23HIN101	General Telugu R23TEL101/ General Hindi R23HIN101	General Telugu R23TEL101/ General Hindi R23HIN101	General Telugu R23TEL101/ General Hindi R23HIN101	General Telugu R23TEL101/ General Hindi R23HIN101	General Telugu R23TEL101/ General Hindi R23HIN101	***	General Telugu R23TEL101/ General Hindi R23HIN101
10-06-2024	2.00 pm to 5.00 pm	Essential and Application of Mathematical, Physical and Chemical Sciences R23BSC101	Essential and Application of Mathematical, Physical and Chemical Sciences R23BSC101	Essential and Application of Mathematical, Physical and Chemical Sciences R23BSC101	Essential and Application of Mathematical, Physical and Chemical Sciences R23BSC101	Essential and Application of Mathematical, Physical and Chemical Sciences R23BSC101	Essential and Application of Mathematical, Physical and Chemical Sciences R23BSC101	Essential and Application of Mathematical, Physical and Chemical Sciences R23BSC101	Introduction to Classical Biology R23BM101	Introduction to Classical Biology R23BM101	Essential and Application of Mathematical, Physical and Chemical Sciences R23BSC101	Fundamentals of Commerce R23COM101	Fundamentals of Commerce R23COM101	Fundamentals of Commerce R23COM101	Fundamentals of Commerce R23COM101	Fundamentals of Commerce R23COM101	Fundamentals of Commerce R23COM101	Introduction to C-Programming R23BV101	Fundamentals of Social Sciences R23PS101
11-06-2024	2.00 pm to 5.00 pm	Advances in Mathematical, Physical and Chemical Sciences R23BSC102	Advances in Mathematical, Physical and Chemical Sciences R23BSC102	Advances in Mathematical, Physical and Chemical Sciences R23BSC102	Advances in Mathematical, Physical and Chemical Sciences R23BSC102	Advances in Mathematical, Physical and Chemical Sciences R23BSC102	Advances in Mathematical, Physical and Chemical Sciences R23BSC102	Advances in Mathematical, Physical and Chemical Sciences R23BSC102	Introduction to applied biology R23BM102	Introduction to applied biology R23BY102	Advances in Mathematical, Physical and Chemical Sciences R23BSC102	Business Organisation R23COM102	Business Organisation R23COM102	Business Organisation R23COM102	Business Organisation R23COM102	Business Organisation R23COM102	Business Organisation R23COM102	Fundamentals of Computer Science R23BV102	Perspectives on Indian Society R23PS102
12-06-2024	2.00 pm to 4.00 pm	Principles of Psychology R23MDP101/ Principles of Chemical Sciences R23MDP102	Principles of Psychology R23MDP101/ Principles of Chemical Sciences R23MDP102	Principles of Psychology R23MDP101/ Principles of Chemical Sciences R23MDP102	Principles of Psychology R23MDP101/ Principles of Chemical Sciences R23MDP102	Principles of Psychology R23MDP101/ Principles of Chemical Sciences R23MDP102	Principles of Psychology R23MDP101/ Principles of Chemical Sciences R23MDP102	Principles of Psychology R23MDP101/ Principles of Chemical Sciences R23MDP102	Principles of Psychology R23MDP101/ Principles of Chemical Sciences R23MDP102	Principles of Psychology R23MDP101/ Principles of Chemical Sciences R23MDP102	Principles of Psychology R23MDP101/ Principles of Chemical Sciences R23MDP102	Principles of Psychology R23MDP101/ Principles of Chemical Sciences R23MDP102	Principles of Psychology R23MDP101/ Principles of Chemical Sciences R23MDP102	Principles of Psychology R23MDP101/ Principles of Chemical Sciences R23MDP102	Principles of Psychology R23MDP101/ Principles of Chemical Sciences R23MDP102	Principles of Psychology R23MDP101/ Principles of Chemical Sciences R23MDP102	Principles of Psychology R23MDP101/ Principles of Chemical Sciences R23MDP102	Principles of Psychology R23MDP101/ Principles of Chemical Sciences R23MDP102	Principles of Psychology R23MDP101/ Principles of Chemical Sciences R23MDP102

1/6/24
Controller of Examinations

Principal 1/6/24

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

(Sponsored by S.K.P.V.V. Hindu High Schools Committee)

I SEMESTER END EXAMINATIONS JUN -2024 (SUPPLEMENTARY) From 05/06/2024 to 14/06/2024

DATE	TIME	B.Sc MPC	B.Sc MPCS	B.Sc MSCS	B.Sc MECS	B.Sc MCCS	B.Sc CBZ	B.Sc DATA SCIENCE	B.Sc IoT
05-06-2024	02.00 P.M to 04.00 P.M	Communication SoftSkills-I CBCSS101A (2016-17) COMPUTER APPLICATIONS R20LSC101 (2020-21)	Communication SoftSkills-I CBCSS101A (2016-17) HUMAN VALUES AND PROFESSIONAL ETHICS R20LSC102 (2020-21)	Communication SoftSkills-I CBCSS101A (2016-17) HUMAN VALUES AND PROFESSIONAL ETHICS R20LSC102 (2020-21)	Communication SoftSkills-I CBCSS101A (2016-17) HUMAN VALUES AND PROFESSIONAL ETHICS R20LSC102 (2020-21)	Communication SoftSkills-I CBCSS101A (2016-17) HUMAN VALUES AND PROFESSIONAL ETHICS R20LSC102 (2020-21)	Communication SoftSkills-I CBCSS101A (2016-17) COMPUTER APPLICATIONS R20LSC101 (2020-21)	Communication SoftSkills-I CBCSS101A (2016-17) HUMAN VALUES AND PROFESSIONAL ETHICS R20LSC102 (2020-21)	Communication SoftSkills-I CBCSS101A (2016-17) HUMAN VALUES AND PROFESSIONAL ETHICS R20LSC102 (2020-21)
06-06-2024	02.00 P.M to 04.00 P.M	Human Values & Professional Ethics CBHV101A ELECTRICAL APPLIANCES R20SDC101 (2020-21)	Human Values & Professional Ethics CBHV101A ELECTRICAL APPLIANCES R20SDC101 (2020-21)	Human Values & Professional Ethics CBHV101A ELECTRICAL APPLIANCES R20SDC101 (2020-21)	Human Values & Professional Ethics CBHV101A ELECTRICAL APPLIANCES R20SDC101 (2020-21)	Human Values & Professional Ethics CBHV101A ELECTRICAL APPLIANCES R20SDC101 (2020-21)	Human Values & Professional Ethics CBHV101A ELECTRICAL APPLIANCES R20SDC101 (2020-21)	Human Values & Professional Ethics CBHV101A ELECTRICAL APPLIANCES R20SDC101 (2020-21)	Human Values & Professional Ethics CBHV101A ELECTRICAL APPLIANCES R20SDC101 (2020-21)
07-06-2024	02.00 P.M to 05.00 P.M	General English - I CBENG101A COMMUNICATION AND SOFTSKILLS R20ENG101 (2020-21)	General English - I CBENG101A R20ENG101 COMMUNICATION AND SOFTSKILLS R20ENG101A (2022-23)	General English - I CBENG101A R20ENG101 COMMUNICATION AND SOFTSKILLS R20ENG101A (2022-23)	General English - I CBENG101A R20ENG101 COMMUNICATION AND SOFTSKILLS R20ENG101A (2022-23)	General English - I CBENG101A R20ENG101 COMMUNICATION AND SOFTSKILLS R20ENG101A (2022-23)	General English - I CBENG101A R20ENG101 COMMUNICATION AND SOFTSKILLS R20ENG101A (2022-23)	General English - I CBENG101A R20ENG101 COMMUNICATION AND SOFTSKILLS R20ENG101A (2022-23)	General English - I CBENG101A COMMUNICATION AND SOFTSKILLS R20ENG101 (2020-21)
08-06-2024	02.00 P.M to 05.00 P.M	CBTEL101A / CBHIN101 TELUGU/HINDI R20TEL101/R20HIN101 (2021-22)	CBTEL101A / CBHIN101 R20TEL101/ R20HIN101 TELUGU/HINDI R20TEL101A/ R20HIN101A (2022-23)	CBTEL101A / CBHIN101 R20TEL101/ R20HIN101 TELUGU/HINDI R20TEL101A/ R20HIN101A (2022-23)	CBTEL101A / CBHIN101 R20TEL101/ R20HIN101 TELUGU/HINDI R20TEL101A/ R20HIN101A (2022-23)	CBTEL101A / CBHIN101 R20TEL101/ R20HIN101 TELUGU/HINDI R20TEL101A/ R20HIN101A (2022-23)	CBTEL101A / CBHIN101 R20TEL101/ R20HIN101 TELUGU/HINDI R20TEL101A/ R20HIN101A (2022-23)	CBTEL101A / CBHIN101 R20TEL101/ R20HIN101 TELUGU/HINDI R20TEL101A/ R20HIN101A (2022-23)	CBTEL101A / CBHIN101 TELUGU/HINDI R20TEL101/ R20HIN101 (2021-22)
10-06-2024	02.00 P.M to 05.00 P.M	Differential Equations CBMAT101A DIFFERENTIAL EQUATIONS R20MAT101 (2020-21)	Differential Equations CBMAT101A R20MAT101 DIFFERENTIAL EQUATIONS R20MAT101A (2022-23)	Differential Equations CBMAT101A R20MAT101 DIFFERENTIAL EQUATIONS R20MAT101A (2022-23)	Differential Equations CBMAT101A R20MAT101 DIFFERENTIAL EQUATIONS R20MAT101A (2022-23)	Differential Equations CBMAT101A R20MAT101 DIFFERENTIAL EQUATIONS R20MAT101A (2022-23)	Microbial Diversity, Algae, Fungi CBBOT101A R20BOT101 FUNDAMENTALS OF MICROBES AND NON VASCULAR PLANTS R20BOT101A (2022-23)	Maths for Data Science DSM101 R20DSMAT101 MATHS FOR DATA SCIENCE R20DSMAT101A (2022-23)	Differential Equations CBDE101/ CBMAT101A NUMERICAL ANALYSIS R20IOTMAT101 (2020-21)
11-06-2024	02.00 P.M to 05.00 P.M	Mechanics & Properties of Matter CBPHY101A (2018-19) MECHANICS,WAVES & OSCILLATIONS R20PHY101 (2020-21)	Mechanics & Properties of Matter CBPHY101A (2018-19) R20PHY101 MECHANICS,WAVES & OSCILLATIONS R20PHY101A (2022-23)	Descriptive Statistics & Probability CBST101 R20STAT101 DESCRIPTIVE STATISTICS R20STAT101A (2022-23)	Basic Circuit Theory CBELE101A R20ELE101 CIRCUIT THEORY AND ELECTRONIC DEVICES R20ELE101A (2022-23)	----	Animal Diversity of Invertebrates-I CBZOO101A R20ZOO101 BIOLOGY OF NONCHORDATES R20ZOO101A (2022-23)	Descriptive Statistics & Probability DSST101 R20DSSTAT101 DESCRIPTIVE STATISTICS R20DSSTAT101A (2022-23)	Basic Electricity and Devices IOTBED101 BASIC ELECTRICITY & DEVICES R20IOTELE101 (2020-21)
12-06-2024	02.00 P.M to 05.00 P.M	----	Computer Fundamentals & MS Office CBCSC101/ITCSC101/ WSCSC101 R20CSC101 PROGRAMMING WITH C R20CSC101A (2022-23)	Computer Fundamentals & MS Office CBCSC101/ITCSC101/ WSCSC101 R20CSC101 PROGRAMMING WITH C R20CSC101A (2022-23)	Computer Fundamentals & MS Office CBCSC101/ITCSC101/ WSCSC101 R20CSC101 PROGRAMMING WITH C R20CSC101A (2022-23)	Computer Fundamentals & MS Office CBCSC101/ITCSC101/ WSCSC101 R20CSC101 PROGRAMMING WITH C R20CSC101A (2022-23)	----	R20CSC101 PROGRAMMING WITH C R20CSC101A (2022-23)	PROGRAMMING WITH C R20CSC101 (2020-21)
13-06-2024	02.00 P.M to 05.00 P.M	Inorganic & Organic Chemistry CBCHE101 INORGANIC AND PHYSICAL CHEMISTRY R20CHE101 (2020-21)	----	----	----	Inorganic & Organic Chemistry CBCHE101 R20CHE101 INORGANIC AND PHYSICAL CHEMISTRY R20CHE101A (2022-23)	Inorganic & Organic Chemistry CBCHE101 R20CHE101 INORGANIC AND PHYSICAL CHEMISTRY R20CHE101A (2022-23)	Programming in 'C' & Data Structures DSCDS101/ IOTCDS101 'C' Programming CSCP101/ CBBCA102	Programming in 'C' & Data Structures DSCDS101/ IOTCDS101 'C' Programming ITCP101/ CBBCA102
14-06-2024	02.00 P.M to 05.00 P.M	Computer Fun & Internet I CBCF101 (2016-17)	----	----	----	----	Computer Fun & Internet I CBCF101 (2016-17)	----	----

DATE	TIME	B.VOC IT-Bus	B.VOC WEB TECHNOLOGY & S/W DEVELOPMENT	B.Com GEN	B.Com T.P	B.Com COMP	B.Com LOGISTICS	BBM	BCA
05-06-2024	02.00 P.M to 04.00 P.M	----	HUMAN VALUES AND PROFESSIONAL ETHICS R20LSC102 (2020-21)	Communication SoftSkills-I CBCSS101A (2016-17) COMPUTER APPLICATIONS R20LSC101 (2020-21)	Communication SoftSkills-I CBCSS101A (2016-17) COMPUTER APPLICATIONS R20LSC101 (2020-21)	Communication SoftSkills-I CBCSS101A (2016-17) HUMAN VALUES AND PROFESSIONAL ETHICS R20LSC102 (2020-21)	Communication SoftSkills-I CBCSS101A (2016-17) COMPUTER APPLICATIONS R20LSC101 (2020-21)	Communication SoftSkills-I CBCSS101A (2016-17) COMPUTER APPLICATIONS R20LSC101	Communication SoftSkills-I CBCSS101A (2016-17) HUMAN VALUES AND PROFESSIONAL ETHICS R20LSC102 (2020-21)
06-06-2024	02.00 P.M to 04.00 P.M	Human Values & Professional Ethics CBHV101A (2019-20)	Human Values & Professional Ethics CBHV101A (2019-20)	Human Values & Professional Ethics CBHV101A INSURANCE PROMOTION R20SDC102B (2020-21)	Human Values & Professional Ethics CBHV101A INSURANCE PROMOTION R20SDC102B (2020-21)	Human Values & Professional Ethics CBHV101A INSURANCE PROMOTION R20SDC102B (2020-21)	Human Values & Professional Ethics CBHV101A INSURANCE PROMOTION R20SDC102B (2020-21)	Human Values & Professional Ethics CBHV101A INSURANCE PROMOTION R20SDC102B (2020-21)	Human Values & Professional Ethics CBHV101A INSURANCE PROMOTION R20SDC102B (2020-21)
07-06-2024	02.00 P.M to 05.00 P.M	General English - I CBENG101A (2019-20)	General English - I CBENG101A R20ENG101 COMMUNICATION AND SOFTSKILLS R20ENG101A (2022-23)	General English - I CBENG101A R20ENG101 COMMUNICATION AND SOFTSKILLS R20ENG101A (2022-23)	General English - I CBENG101A R20ENG101 COMMUNICATION AND SOFTSKILLS R20ENG101A (2022-23)	General English - I CBENG101A R20ENG101 COMMUNICATION AND SOFTSKILLS R20ENG101A (2022-23)	General English - I CBENG101A R20ENG101 COMMUNICATION AND SOFTSKILLS R20ENG101A (2022-23)	General English - I CBENG101A R20ENG101 COMMUNICATION AND SOFTSKILLS R20ENG101A (2022-23)	General English - I CBENG101A R20ENG101 COMMUNICATION AND SOFTSKILLS R20ENG101A (2022-23)
08-06-2024	02.00 P.M to 05.00 P.M	----	----	CBTEL101A / CBHIN101 R20TEL101/ R20HIN101 TELUGU/HINDI R20TEL101A/ R20HIN101A (2022-23)	CBTEL101A / CBHIN101 R20TEL101/ R20HIN101 TELUGU/HINDI R20TEL101A/ R20HIN101A (2022-23)	CBTEL101A / CBHIN101 R20TEL101/ R20HIN101 TELUGU/HINDI R20TEL101A/ R20HIN101A (2022-23)	CBTEL101A / CBHIN101 R20TEL101/ R20HIN101 TELUGU/HINDI R20TEL101A/ R20HIN101A (2022-23)	CBTEL101A / CBHIN101 R20TEL101/ R20HIN101 TELUGU/HINDI R20TEL101A/ R20HIN101A (2022-23)	CBTEL101A / CBHIN101 R20TEL101/ R20HIN101 TELUGU/HINDI R20TEL101A/ R20HIN101A (2022-23)
10-06-2024	02.00 P.M to 05.00 P.M	Discrete Mathematics ITDM101/ CBCMAT101A (2019-20)	Discrete Mathematics WSDM101/ CBCMAT101A R20WSDM101 DISCRETE MATHEMATICS R20WSDM101A (2020-21)	Business Economics CBBE101A R20COM101 FUNDAMENTALS OF ACCOUNTING R20COM101A (2022-23)	Business Economics CBBE101A (2018-19) R20COM101 FUNDAMENTALS OF ACCOUNTING R20COM101A (2022-23)	Business Economics CBBE101A (2018-19) R20COM101 FUNDAMENTALS OF ACCOUNTING R20COM101A (2022-23)	Business Economics CBBE101A (2018-19) R20COM101 FUNDAMENTALS OF ACCOUNTING R20COM101A (2022-23)	Managerial Economics-I CBBBA101 R20BBA101 PRINCIPLES OF MANAGEMENT R20BBA101A (2022-23)	Discrete Mathematics CBCMAT101A R20CMAT101 NUMERICAL AND STATISTICAL METHODS R20CMAT101A (2022-23)
11-06-2024	02.00 P.M to 05.00 P.M	----	HTML & CSS WSHC101/ R20WSHC101 HTML & CSS R20WSHC101A (2022-23)	Business Organisation CBBO101A R20COM102 BUSINESS ORGANISATION AND MANAGEMENT R20COM102A (2022-23)	Business Organisation CBBO101A (2018-19) R20COM102 BUSINESS ORGANISATION AND MANAGEMENT R20COM102A (2022-23)	Business Organisation CBBO101A (2018-19) R20COM102 BUSINESS ORGANISATION AND MANAGEMENT R20COM102A (2022-23)	Business Organisation CBBO101A (2018-19) R20COM102 BUSINESS ORGANISATION AND MANAGEMENT R20COM102A (2022-23)	Business Organisation CBBO101A (2018-19) R20BBA102 MANAGERIAL ECONOMICS R20BBA102A (2022-23)	Sys. Approach To Management-I CBBAM101 R20BCA101 COMPUTER FUNDAMENTALS & OFFICE TOOLS R20BCA101A (2022-23)
12-06-2024	02.00 P.M to 05.00 P.M	Computer Fundamentals & MS Office ITCSC101 / CBCSC101 (2019-20)	WSCSC101/CBCSC101 R20WSCSC101 COMPUTER FUNDAMENTALS & MS OFFICE R20WSCSC101A (2022-23)	Financial Accounting-I CBFA101/CBFA101A R20COMG103 BUSINESS ENVIRONMENT R20COMG103A (2022-23)	Financial Accounting-I CBFA101/CBFA101A R20COMT103 INCOME TAX-I R20COMT103A (2022-23)	Financial Accounting-I CBFA101/CBFA101A R20COMC103 INFORMATION TECHNOLOGY R20COMC103A (2022-23)	Financial Accounting-I CBFA101/CBFA101A R20COML103 ECONOMICS OF TRANSPORT R20COML103A (2022-23)	Accounting for Managers CBBBA101A R20BBA103 QUANTITATIVE METHODS FOR MANAGERS R20BBA103A (2022-23)	Introduction to Computers CBBCA101 R20BCA102 PROGRAMMING WITH C R20BCA102A (2022-23)
13-06-2024	02.00 P.M to 05.00 P.M	'C' Programming ITCP101/ CBBCA102 (2019-20)	----	----	Income Tax-I CBIT101 (2015-16)	Fundamentals of Computers CBFOC101(2015-16)	Economics of Transport CBEOT101 (2015-16)	Quantitative Methods for Managers CBQM101A (2018-19)	'C' Programming CBBCA102/ ITCP101/ WSCP101/ DSCP101
14-06-2024	02.00 P.M to 05.00 P.M	Computer Organisation ITCO101/WSCO101 (2019-20)	Computer Organisation WSCO101/ ITCO101/ R20WSCO101 COMPUTER ORGANISATION R20WSCO101A (2022-23)	Computer Fun & Internet I CBCF101 (2016-17)	Computer Fun & Internet I CBCF101 (2016-17)	----	Computer Fun & Internet I CBCF101 (2016-17)	Computer Fun & Internet I CBCF101 (2016-17)	----

Controller of Examinations

Principal