



SYLLABUS

ANNUAL EXAMINATION, 2024-25

CLASS - XI

SUBJECT: ENGLISH CORE

CODE NO: 301

SECTION A: READING SKILLS (26 Marks)

Comprehension Passages (Two)

(10+8= 18Marks)

Note making and summarization

(5+3=8Marks)

SECTION B: GRAMMAR AND CREATIVE WRITING SKILLS

(23 Marks)

Grammar

7 Marks

- a) Gap Filling (Tenses)
- b) Reordering/Transformation of Sentences

Writing Skills

16 Marks

- a) Speech
- b) Advertisements
- c) Poster
- d) Debate

SECTION C: LITERATURE

(31 Marks)

Book: Hornbill

Prose

- 1) The Portrait of a Lady
- 2) We're Not Afraid to Die..if We Can be Together
- 3) Discovering Tut: the Saga Continues
- 4) Silk Road
- 5) The Adventure

Poetry

- 1) A Photograph
- 2) The Laburnum Top
- 3) The Voice of the Rain
- 4) Childhood
- 5) Father to Son

Book: Snapshots

- 1) The Summer of the Beautiful White Horse
- 2) The Address
- 3) Mother's Day
- 4) Birth
- 5) The Tale of the Melon City

DESIGN OF THE QUESTION PAPER: MM: 80 MARKS

Q1. Unseen Passage	10 Marks
Q2. Unseen Passage	08 Marks
Q3. Note Making and Summarisation	5+3Marks
Q4. Questions on Gap filling	04 Marks
Q5 Questions on reordering /transformation of sentences	03 Marks
Q6. Advertisement	03 Marks
Q7. Poster	03 Marks
Q8. Speech	05 Marks
Q9. Debate	05 marks
Q10. Any one out of two extracts (Reference to context: Poetry)	03 Marks
Q11. Any one out of two extracts (Reference to context: Prose from Hornbill)	03 Marks
Q12. Any one out of two extracts (Reference to context: Prose from Snapshots)	04 Marks
Q13. Two SAQs out of four (40-50 words) (Hornbill)	06 Marks
Q14. One SAQ out of two (40-50 words) (Snapshots)	03 Marks
Q15. One LAQ out of two (120-150 words) (Hornbill)	06 Marks
Q16. One LAQ out of two (120-150 words) (Snapshots)	06 Marks

SUBJECT- CHEMISTRY

Max Marks: 70

Time: 3:00 Hrs.

S. No.	Name of Unit	Marks
1	Some Basic Concepts of Chemistry	5
2	Structure of Atom	5
3	Classification of Elements and Periodicity in Properties	6
4	Chemical Bonding and Molecular Structure	9
5	Chemical Thermodynamics	10
6	Equilibrium	10
7	Redox Reactions	5
8	Organic Chemistry: Some basic Principles and Techniques	10
9	Hydrocarbons	10
	Total	70

S.No.	Type of Question	Marks	No. of Questions	Total
1	VSA/MCQ	1	18	18
2	SA	2	07	14
3	SA	3	05	15
4	CBQ	4	02	08
5	LA	5	03	15
Total				70

PRACTICALS

Evaluation Scheme for Examination	Marks
Volumetric Analysis	08
Salt Analysis	08
Content Based Experiment	06
Project Work	04
Practical Record File and Viva	04
Total	30

SUBJECT : PHYSICS XI (Code No. 042) COURSE STRUCTURE

Max Marks: 70

Time: 3:00 Hrs.

S. No.	Name of Unit	Marks
1	kinematics	3
2	Motion in a plane	3
3	Laws of motion and friction	5
4	Work, energy and power	5
5	System of particle and rotational motion	8
6	Gravitation	6
7	Mechanical properties of solid	6
8	Mechanical properties of fluids	8
9	thermal properties of matter	8
10	K.T.G. and thermodynamics	6
11	S.H.M. and Waves	12

S.No.	Type of Question	Marks	No. of Questions	Total
1	VSA/MCQ	1	16	16
2	SA	2	05	10
3	SA	3	07	21
4	CBQ	4	02	08
5	LA	5	03	15
Total				70

PRACTICALS

Time: 03 Hours

Max. Marks: 30

Evaluation Scheme	Marks
Experiment No. 1	7 Marks
Experiment No. 2	7 Marks
Practical Record File	5 Marks
Investigatory Project	3 Marks
Viva-Voce	5 Marks
Activity	3Marks
Total	30 Marks

Subject : BIOLOGY (Code No. 044)**COURSE STRUCTURE & EVALUATION SCHEME****Max Marks: 70****Time: 3:00 Hrs.**

UNIT	NAME OF THE UNIT AND CHAPTERS	Marks
I	Diversity of Living Organisms 1. The living world 2. Biological Classification 3. Plant Kingdom 4. Animal Kingdom	15
II	Structural Organisation in Plants 5. Morphology of Flowering Plants 6. Anatomy of Flowering Plants	12
III	Cell: Structure and Function 7. Structural Organization in Animals 8. Cell-The Unit of Life 9. Biomolecules 10. Cell Cycle and Cell Division	12
IV	Plant Physiology 11. Photosynthesis in Higher Plants 12. Respiration in Plants 13. Plant Growth and Development	15
V	Human Physiology 14. Breathing and Exchange of Gases 15. Body Fluids and Circulation 16. Excretory Products and Their Elimination 17. Locomotion and Movement 18. Neural Control and Coordination 19. Chemical Coordination and Integration	16
	Total	70

S.No.	Type of Question	Marks	No. of Questions	Total
1	VSA/MCQ	1	16	16
2	SA	2	05	10
3	SA	3	07	21
4	CBQ	4	02	08
5	LA	5	03	15
Total				70

PRACTICALS

Time: 03 Hours

Max. Marks: 30

Evaluation Scheme	Marks
One Major Experiment	5 Marks
One Minor Experiment	4 Marks
Slide Preparation	5 Marks
Spotting	7 Marks
Practical Record +Project (Herbarium File) and Viva-Voce	4 Marks
	5 Marks
Total	30 Marks

SUBJECT: - ACCOUNTANCY

Max Marks: 80

Time: 3:00 Hrs.

S.NO.	NAME OF CHAPTER	MARKS
1	INTRODUCTION TO ACCOUNTING, BASIC ACCOUNTING TERM, THEORY BASE OF ACCOUNTING, BASES OF ACCOUNTING, ACCOUNTING EQUATION	10
2	RULES OF DR. / CR., VOUCHER, JOURNAL (WITHOUT AND WITH GST), LEDGER, SUBSIDIARY BOOK, CASH BOOK & TRIAL BALANCE	20
3	BANK RECONCILIATION STATEMENT	07
4	DEPRECIATION, PROVISION & RESERVE	12
5	RECTIFICATION OF ERRORS (ONLY THEORY AND BASIC QUESTIONS)	06
6	FINAL ACCOUNTS WITH AND WITHOUT ADJUSTMENT, SINGLE ENTRY SYSTEM	25
	TOTAL	80

DESIGN OF THE QUESTION PAPER

M.M. 80

Time 3 Hrs.

S.NO.	TYPES OF QUESTIONS	NO. OF QUESTION	MARKS PER QUESTION	TOTAL MARKS
1	MCQ	20	1	20
2	SHORT ANSWER I	6	3	18
3	SHORT ANSWER II	3	4	12
4	LONG ANSWER I	5	6	30
	TOTAL	34		80

SUBJECT : ECONOMICS (Code No. 030)

Max Marks: 80

Time: 3:00 Hrs.

STATISTICS FOR ECONOMICS (40 MARKS)

Unit 2: Collection, Organization and Presentation of data – 15 marks

- COLLECTION OF DATA
- ORGANIZATION OF DATA
- TABULAR PRESENTATION
- DIAGRAMMATIC PRESENTATION
- GRAPHIC PRESENTATION

Unit 3: Statistical Tools and Interpretation – 25 marks

- MEASURES OF CENTRAL TENDENCY
- MEASURES OF CORRELATION
- INDEX NUMBERS

MICROECONOMICS (40 MARKS)

Unit 4: Introduction – 4 marks

Unit 5: Consumer's Equilibrium and Demand -14 marks

Unit 6: Producer Behavior and Supply – 14 marks

Unit 7: Perfect Competition - Price Determination and simple applications. - 8 marks

DESIGN OF QUESTION PAPER

TYPES OF QUESTIONS	MARKS	NO. OF QUESTIONS	TOTAL
MCQs	1	20	20
Very short type	3	4	12
Short type	4	6	24
Long type	6	4	24
Total			80

SUBJECT : BUSINESS STUDIES

Max Marks: 80

Time: 3:00 Hrs.

PART A	Name of the chapter	MARKS
CHAPTER 1	Nature and Purpose of Business	05
CHAPTER 2	Forms of Business Organisation	10
CHAPTER 3	Private, Public and Global	10
CHAPTER 4	Business services	10
CHAPTER 5	Emerging Modes of Business	10
CHAPTER 6	Social Responsibility of Business	05
PART B		
CHAPTER 7	Formation of Company	05
CHAPTER 8	Sources of Business Finance	05
CHAPTER 9	Small Business	05
CHAPTER 10	Internal Trade	10
CHAPTER 11	International Business	05
	Total (Part A & Part B)	80
	Project work	20

DESIGN OF QUESTION PAPER

TYPE OF QUESTIONS	NUMBER OF QUESTIONS	TOTAL
MCQ(1 MARKS)	20	20
SHORT ANSWER I (3 MARKS)	4	12
SHORT ANSWER II(4MARKS)	6	24
LONG ANSWER (6MARKS)	4	24
TOTAL	34 Questions	80 Marks

SUBJECT: HISTORY

Max Marks: 80

Time: 3:00 Hrs.

Theme 1 Writing and the City Life

Theme 2 An Empire Across Three Continents

Theme 3 The Nomadic Empire

Theme 4 The Three Orders

Theme 5 Changing Cultural Traditions

Theme 6 Displacing Indigenous People

Theme 7 Paths to Modernization

Pattern of Que Paper

Types of Que.	No. of Que.		Marks per Que.		Total Marks
Part A: MCQ	21	x	1	=	21
Part B : SAQ	6	x	3	=	18
Part C: LAQ	3	x	8	=	24
Part D: SBQ	3	X	3	=	12
Part E: MBQ	5	x	1	=	05
					Total Marks 80

SUBJECT: GEOGRAPHY

Max Marks: 70

Time: 3:00 Hrs.

Textbook: Fundamentals of Physical Geography

Chapter 1 Geography as a discipline

Chapter 2 The Origin and Evolution of the Earth

Chapter 3 Interior of the Earth

Chapter 4 Distribution of Oceans and Continents

Chapter 5 Geomorphic Processes

Chapter 6 Landform and their Evolution

Chapter 7 Composition and Structure of Atmosphere

Chapter 8 Solar Radiation, Heat Balance and Temperature

Chapter 9 Atmospheric Circulation and Weather Systems

Chapter 10 Water in the Atmosphere

Chapter 11 World Climate and Climate Change

Chapter 12 Water (Oceans)

Chapter 13 Movements of Ocean Water

Chapter 14 Biodiversity and Conversation

Textbook : India-Physical Environment

Chapter 1 India: Location

Chapter 2 Structure and Physiography

Chapter 3 Drainage System

Chapter 4 Climate

Chapter 5 Natural Vegetation

Chapter 6 Natural Hazards and Disasters

Question Paper Design:

Type of Question	Marks	No. of Questions	Total
MCQ	1	17	17
Short Answer	3	6	18
Long Answer	5	5	25
Map (World & India)	5	2	10
Total			70

SUBJECT : Mathematics**Max Marks: 80****Time: 3:00 Hrs.**

Academic performance of the learner will be evaluated on the basis of understanding of the

S. No.	Chapter No.	Chapter Name	Marks
1.	Chapter (1)	Sets	14
2.	Chapter (2)	Relations and Functions	
3.	Chapter (3)	Trigonometric functions	
4.	Chapter (4)	Complex Numbers and Quadratic Equations	26
5.	Chapter (5)	Linear Inequalities	
6.	Chapter (6)	Permutations and Combinations	
7.	Chapter (7)	Binomial Theorem	
8.	Chapter (8)	Sequence and Series	
9.	Chapter (9)	Straight Line	15
10.	Chapter (10)	Conic Sections	
11.	Chapter (11)	Three Dimensional Geometry	
12.	Chapter (12)	Limits and Derivatives	12
13.	Chapter (13)	Statistics	13
14.	Chapter (14)	Probability	

No. of Questions	x	Marks	=	Total Marks
20	x	1	=	20 marks
5	x	2	=	10 marks
6	x	3	=	18 marks
3	x	4	=	12 marks
4	x	5	=	20 marks
Total				80 marks

Subject : Informatics Practices (065)**Max Marks: 70****Time: 3:00 Hrs.**

Unit	Chapter Name	Marks(70) TM=Q.*M
1	Chapter 1: Introduction to Computer System	(10)
2	Chapter 2: Getting Started with Python Chapter 3: Python Fundamentals Chapter 4: Data Handling Chapter 5: Flow of Control Chapter 6: List Manipulation Chapter 7: Dictionaries	(25)
3	Chapter 10: Database Concepts Chapter 11: Structured Query Language (SQL)	(30)
4	Chapter 12: Emerging Trends	(5)

03 Question of **5** Marks = Total **15** Marks**02** Question of **4** Marks = Total **08** Marks**04** Question of **3** Marks = Total **12** Marks**07** Questions of **2** Marks = Total **14** Marks**21** Questions of **1** Mark = Total **21** Marks**TOTAL QUESTIONS : 37 TOTAL MAX. MARKS : 70****PRACTICALS****Time: 03 Hours****Max. Marks: 30**

Evaluation Scheme	Marks
Practical [Python (8) + Mysql (7)]	15 Marks
Project & Project Report	10 Marks
Viva	5 Marks
Total	30 Marks

SUBJECT: GRAPHICS

Max Marks: 30

Time: 2:00 Hrs.

1. Art –An Introduction
2. Art and the Culture
3. Art of Indus Valley
4. The Art during Mauryan, Shunga, Kushan and Gupta Periods
5. Indian Bronze Sculptures
6. The Art of Ajanta Caves

General Instructions

Max. Time Allowed: 2 Hours, Max. Marks: 30

Section	Question Type	No. of Questions	Marks per Question	Total Marks
1	MCQ	8	1	8
2	Short Answer Type Questions (To be written in about 100 words)	5	2	10
3	Long Answer Type Questions (To be answered in about 200 words each)	2	6	12

Subject: PSYCHOLOGY

Max Marks: 70

Time: 3:00 Hrs.

SECTION	QUESTION TYPE	MARKS	NUMBER OF QUESTIONS	TOTAL MARKS
Section A	OTQs	1	15	15
Section B	VSA Type I (Very Short Answer Type I)	2	6	12
Section C	SA Type II (Short Answer Type II)	3	3	09
Section D	LA Type I (Long Answer Type I)	4	4	16
Section E	LA Type II (Long Answer Type II)	6	2	12
Section F	Case Based	(1+2)	2	06

Total =70

Chapters for Theory:

- | | |
|--|----------|
| 1. Methods of Enquiry in Psychology | 08 marks |
| 2. Socialisation | 04 marks |
| 3. Human Development | 10 marks |
| 4. Sensory, Attentional Processes and Perception | 12 marks |
| 5. Learning | 12 marks |
| 6. Memory | 10 marks |
| 7. Thinking | 06 marks |
| 8. Motivation | 08 marks |

Weightage

Practical:

Practical and Project File

Activities

Viva voce

Weightage

10 marks

15 marks

05 marks

Subject : Political Science(Code No.28)**Max Marks: 80****Time: 3:00 Hrs.****Book : Indian Constitution at work (40 marks)**

Chapter 1: Constitution Why and How? (6)

Chapter 2: Rights in the Indian Constitution (4)

Chapter 3: Election and Representation. (6)

Chapter 4: Executive (6)

Chapter 5: Legislature (5)

Chapter 6: Judiciary (5)

Chapter 8: local Self Government (8)

Book: Political Theory (40 marks)

Chapter 1: Political Theory: An Introduction (4)

Chapter 2: Freedom (6)

Chapter 3: Equality (6)

Chapter 4: Social Justice (6)

Chapter 6: Citizenship (6)

Chapter 7: Nationalism (6)

Chapter 8: Secularism (6)

QUESTION PAPER DESIGN

Type of Question	Marks	No. of Questions	Total
MCQ	1	12	12
Very Short Answers	2	6	12
Short Answers	4	5	20
Map/Caricature/Passage	4	3	12
Essay Type Answers	6	4	24
Total		30	80

Subject : Artificial Intelligence (Code No. 843)**Max Marks: 50****Time: 2:00 Hrs.**

Unit	Chapter Name
Part A-Unit 3	ICT Skills
Part A-Unit 4	Entrepreneurial Skills
Part A-Unit 5	Green Skills
Part B-Unit 3	Python Programming
Part B-Unit 4	Introduction to Capstone Project
Part B-Unit 5	Data Literacy-Data Collection to Data Analysis
Part B-Unit 6	Machine Learning Algorithms
Part B-Unit 7	Leveraging Linguistics and Computer Science
Part B-Unit 8	AI Ethics and Values

PART A

No. of questions	Marks	Total
4	1	4 marks
3	2	6 marks
		10 Marks

PART B

No. of questions	Marks	Total
20	1	20 marks
4	2	8 marks
3	4	12 marks
		40 Marks

Total questions: 34 (7+27)**Total marks: 50 (10+40)**