



SYLLABUS

HALF YEARLY EXAMINATION, 2026-27

CLASS - XI

SUBJECT- ENGLISH CORE (Code:301)

Max Marks: 80

Time: 3:00 Hrs.

SECTION A: Reading Skills (Three Unseen Passages):

26 Marks

2 Unseen Passages for assessing comprehension skills.

1 Unseen passage for Note-making and Summary.

SECTION B: Writing Skills and Grammar:

22 Marks

(Poster, Classified Advertisements, Speech, Debate)

(Integrated Exercises on Determiners and Tenses, Jumbled Sentences).

SECTION C: Literature

32 Marks

TOTAL: 80 Marks

Book: Hornbill

Prose

1. The Portrait of a Lady
2. We're Not Afraid to Die If We Can All Be Together
3. Discovering Tut

Poetry

4. A Photograph
5. The Voice of Rain
6. The Laburnum Top
7. Childhood

Book: Snapshots

Prose

8. The Summer of the Beautiful White Horse
9. The Address
10. Mother's Day
11. Birth

DESIGN OF THE QUESTION PAPER

Section A

Reading Skills (26 Marks)

Q1. One unseen comprehension passage to assess comprehension, interpretation, analysis and inference. The passage will be descriptive or literary. (10)

Q2. One unseen case-based factual passage with visual inputs (8)

Q3. One unseen passage for Note-making and summary. (8)

Section B: (22 marks)

Creative Writing Skills – 16 Marks

Q4. Poster (3 marks)

Q5. Advertisements (3marks)

Q5. Speech (5 marks)

Q6. Debate (5 marks)

Grammar: 6 Marks

Q7. Questions on Gap Filling with Determiners and Tenses (6 x 0.5= 3Marks)

Q8. Question on Jumbled Sentences (3x1=3 Marks)

Section C

Literature – 32 Marks

Q9) One Poetry extract out of two from Hornbill (3x1=3Marks)

Q10) One Prose extract out of two from Snapshots (3x1=3Marks)

Q11) One Prose extract out of two from Hornbill (3x1= 3Marks)

Q12) Three short answer type questions, out of four, from Prose and Poetry in Hornbill
(3x3=9 Marks)

Q13) One short answer type question, out of two, from Prose in Snapshots
(2x1=2Marks)

Q14) One Long answer type, out of two, from Hornbill (1x6=6)

SUBJECT- CHEMISTRY (Code No. 043)**Max Marks: 70****Time: 3:00 Hrs.**

S. No.	Name of Unit	Marks
1	Some Basic Concepts of Chemistry	05
2	Structure of Atom	20
3	Periodic classification of elements	20
4	Chemical Bonding	20
5	Redox Reactions	05

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

SUBJECT : PHYSICS XI (Code No. 042)**Max Marks: 70****Time: 3:00 Hrs.**

S. No.	Name of Unit	Marks
1	Physical World and Measurement (Units and dimensions)	06
2	Kinematics	12
3	Motion in a Plane	15
4	Laws of Motion and Friction	15
5	Work, Energy and Power	12
6	System of Particles and Rotational Motion	10

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

Subject : BIOLOGY (Code No. 044)**Max Marks: 70****Time: 3:00 Hrs.**

Unit	Chapter No.	Name of the chapter	Marks
1 (Diversity in the living world)	2	• Biological Classification	25
	3	• Plant Kingdom	
	4	• Animal Kingdom	
2 (Structural Organisation in Plants & Animals)	5	• Morphology of Flowering Plants	20
	6	• Anatomy Of Flowering Plants	
	7	• Structural Organisation in Plants & Animals	
3 (Cell: Structure & Functions)	8	• Cell: The Unit OF Life	25
	9	• Biomolecules	
	10	• Cell Cycle and Cell Division	

S.No.	Type of Question	Marks	No. of Questions	Total
1 (Section -A)	MCQ	1	16	16
2 (Section -B)	VSA	2	05	10
3 (Section -C)	SA	3	07	21
4 (Section -D)	CBQ	4	02	08
5 (Section -E)	LA	5	03	15
Total			33	70

SUBJECT: - ACCOUNTANCY

Max Marks: 80

Time: 3:00 Hrs.

S.NO.	NAME OF CHAPTER	MARKS
1	GENERAL INTRODUCTION TO ACCOUNTING, BASIC ACCOUNTING TERMS, ACCOUNTING PRINCIPLES, BASES OF ACCOUNTING, VOUCHERS, ACCOUNTING EQUATION	20
2	RULES OF DEBIT AND CREDIT, JOURNAL, LEDGER, CASH BOOK, SUBSIDIARY BOOKS & TRIAL BALANCE.	45
3	DEPRECIATION	15
	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 – Organization and Presentation of Data- 25 Marks

Chapter 5 -Textual and Tabular Presentation

Chapter 6-Diagramatic Presentation

Chapter 7-Graphic Presentation

UNIT 3 – Statistical tools and Interpretation -15 Marks

Chapter 8- Measures of central tendency – Arithmetic Mean

MICROECONOMICS (40 MARKS)

Unit 4: Introduction - 4 Marks

Unit 5: Consumer Equilibrium and Demand -11 Marks

Unit 6 – Producer Behavior and Supply- 25 Marks

DESIGN OF QUESTION PAPER

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

SUBJECT : BUSINESS STUDIES

Max Marks: 80

Time: 3:00 Hrs.

S.No.	Name of Chapter	Marks
1	Nature and purpose of Business	10
2	Forms of Business organisation	10
3	Public Private and Global Enterprises	10
4	Business Services	10
5	Emerging modes of business	10
6	Social responsibility of Business	10
7	Formation of a Company	10
8	Sources of Business finance	10

Design of the question paper:

Type of Question	No. of Questions	Marks	Total
MCQs	20	1	20
Very Short answer-type questions	4	3	12
Short answer type questions	6	4	24
Long answer type questions	4	6	24
Total	34		80

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

Pattern of Que Paper

Types of Que.	No. of Que.		Marks per Que.	Total Marks	
Part A: OBQ	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 Process

Chapter 6: Landforms and Their Evolution

Textbook : India-Physical Environment

Chapter 1: India: Location

Chapter 2: Structure and Physiography

Chapter 3: Drainage

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

Students are advised to do an exhaustive reading of the textbook and notebook and also practice map work.

SUBJECT : Mathematics (code 041)

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

Academic performance of the learner will be evaluated on the basis of understanding of the concepts and application of acquired mathematical skills.

S. No.	Chapter No.	Chapter Name	Marks
1	Chapter 1	Sets	4
2	Chapter 2	Relations and functions	5
3	Chapter 3	Trigonometric Functions	10
4	Chapter 4	Complex Numbers	10
5	Chapter 5	Linear Inequalities	6
6	Chapter 6	Permutations and Combinations	8
7	Chapter 7	Binomial Theorem	10
8	Chapter 8	Sequence and Series	12
9.	Chapter 9	Conic Section	11
10.	Chapter 12	Introduction to Three-Dimensional Geometry	4

Questions × Marks

$$20 \quad \times \quad 1 \quad = \quad 20$$

$$5 \quad \times \quad 2 \quad = \quad 10$$

$$6 \quad \times \quad 3 \quad = \quad 18$$

$$3 \quad \times \quad 4 \quad = \quad 12$$

$$4 \quad \times \quad 5 \quad = \quad 20$$

$$\text{Total Marks} \quad = \quad 80$$

SUBJECT : Applied Mathematics (code 241)**Max Marks: 80****Time: 3:00 Hrs.**

Academic performance of the learner will be evaluated on the basis of understanding of the concepts and application of acquired mathematical skills.

S. No.	Chapter No.	Chapter Name	Marks
1	Chapter 1	Numbers	5
2	Chapter 2	Indices and Logarithms	7
3	Chapter 3	Quantitative Aptitude	8
4	Chapter 4	Set and Relations	8
5	Chapter 5	Sequences and Series	10
6	Chapter 6	Permutations and Combinations	8
7	Chapter 7	Logical Reasoning	6
8	Chapter 8	Functions	8
9.	Chapter 9	Limits and Continuity	10
10.	Chapter 10	Differentiation	10

Questions × Marks

$$20 \quad \times \quad 1 \quad = \quad 20$$

$$5 \quad \times \quad 2 \quad = \quad 10$$

$$6 \quad \times \quad 3 \quad = \quad 18$$

$$3 \quad \times \quad 4 \quad = \quad 12$$

$$4 \quad \times \quad 5 \quad = \quad 20$$

$$\text{Total Marks} \quad = \quad 80$$

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

Unit	Chapter Name	Marks(70) M*Q
1	Chapter 1: Introduction to Computer System	(10) 1*04=04 2*03=06
2	Chapter 3: Brief Overview of Python Chapter 4: Working with Lists and Dictionaries Chapter 5: Understanding Data Chapter 6: Introduction to NumPy	(40) 1*11=11 2*03=06 3*03=09 4*01=04 5*02=10
3	Chapter 7: Database Concept Chapter 8: Introduction to Structured Query Language (SQL)	(20) 1*06=06 2*01=02 3*01=03 4*01=04 5*01=05

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** Marks = Total **21** Marks**TOTAL QUESTIONS: 35 TOTAL MAX. MARKS: 70****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 Sculpture

QUESTION PAPER DESIGN

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.

Chapters for Theory:

1. What is Psychology?
2. Methods of Enquiry in Psychology
3. Socialisation
4. Human Development
5. Sensation, Attention, Perception

Weightage

- 16 marks
16 marks
08 marks
16 marks
14 marks

SECTION	QUESTION TYPE	MARKS	No. OF QUESTIONS	TOTAL
Section A	OTQs	1	14	14
Section B	VSA Type I (Very Short Answer Type I)	2	5	10
Section C	SA Type II (Short Answer Type II)	3	4	12
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

Subject : Political Science(Code No.28)

Max Marks: 80

Time: 3:00 Hrs.

Book : Indian Constitution at work (40 marks)

Chapter 1: The Constitution: Why and How? (6 marks)

Chapter 2: Rights in the Indian Constitution (6 marks)

Chapter 3: Elections and Representations (6 marks)

Chapter 4: The Executive (6 marks)

Chapter 5: Legislature (8 marks)

Chapter 6: Judiciary (8 marks)

Book: Political Theory (40 marks)

Chapter 1: Political Theory an Introduction (6 marks)

Chapter 2: Freedom (8 marks)

Chapter 3: Equality (10 marks)

Chapter 4: Social Justice (8 marks)

Chapter 5: Rights (8 marks)

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.**

Part	Unit	Chapter Name	Marks
Part A (10 marks)	Unit 1	Communication Skills	3
	Unit 2	Self-Management Skills	3
	Unit 3	ICT-Skills	4
Part B (40 marks)	Unit 1	Introduction: Artificial Intelligence for Everyone	4
	Unit 2	Unlocking your future in AI	4
	Unit 3	Python Programming	6
	Unit 4	Introduction to Capstone Project	6
	Unit 5	Data Literacy-Data Collection to Data Analysis	8
	Unit 7	Leveraging Linguistics and Computer Science	8
	Unit 8	AI Ethics and Values	4

PATTERN OF QUESTION PAPER:

Type of Questions	No. of questions	Marks of each question	Total Marks
<u>OBJECTIVE QUESTIONS</u>			24
Multiple Choice Questions/ Fill in the Blanks	20	1	$20 \times 1 = 20$
True/False	4	1	$4 \times 1 = 4$
<u>SUBJECTIVE QUESTIONS</u>			26
Short Questions	7	2	$7 \times 2 = 14$
Long Questions	3	4	$3 \times 4 = 12$
TOTAL			50