



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Syllabus of Annual Examination (2019-2020)

CLASS – XI

ENGLISH -80

SECTION – A (20 Marks) READING COMPREHENSION

- The passage of 550-600 words in length will be used for note-making and summarising. (8Marks)**
 - Note Making - 5M
 - Summary - 3M
- Passage for Comprehension (around 350 -400 words) (12 Marks)**
 - Multiple Choice Questions (1x6=6marks), including 2 marks for vocabulary
 - Very Short Answer Questions (1x6= 6marks) including 2 marks for vocabulary

SECTION B (30 Marks) WRITING SKILLS AND GRAMMAR

- Short Answer Question (50words): Based on any one - notice/ advertisement (4 Marks)**
- Two Long Answer Question (120-150words) Letter Writing (6x2=12Marks)**

Based on the following-

 - business or official letters (for making enquiries, registering complaints, asking for and giving information, placing orders and sending replies)
 - letters to the editor (giving suggestions/opinions on an issue)
 - application for a job with a Resume
 - letter to the school or college authorities, regarding admissions, school issues, suitability of courses, etc.

5. Very Long Answer Question (150-200 words):

Based on any one of the following - **article/speech/report writing (08 Marks)**

GRAMMAR

Very short answer type questions on the following: (06 marks)

(Determiners, Tenses, Modals and Change of Voice)

- Error Correction/ editing tasks
- Re ordering of sentences,
- Transformation of sentences

SECTION C (30 Marks) LITERATURE

- Based on an extract from poetry to test reference to context, comprehension and appreciation (1x2=2 Marks)**
- 3 Short Answer Questions (30-40words) Based on prose, poetry and plays from both the texts (2x5=10Marks)**
- One Long Answer Question (to be answered in120-150 words) (6 Marks)**

Based on prescribed texts to test global comprehension and extrapolation beyond the texts
- One Long Answer Question (to be answered in120-150 words) (6 Marks)**

Based on theme, plot, incidents or events to test global comprehension and extrapolation beyond the texts
- One Long Answer Question (to be answered in120-150 words) (6Marks)**

Based on understanding , appreciation, analysis and interpretation of the characters/events/incidents

Literature Syllabus (Hornbill)

Ch 1 - The Portrait of a Lady Ch 2 - We're Not Afraid to Die... if We Can All Be Together Ch3 - Discovering Tut: the Saga Continues
Ch 4 - Landscape of the Soul Ch 5 - The Ailing Planet: the Green Movement's Role Ch 6 - The Browning Version

Poems

A Photograph, The Laburnum Top, The Voice of the Rain, Childhood, Father to Son

(Snapshots)

Ch 1 - The Summer of the Beautiful White Horse. Ch 2 - The Address. Ch 3 - Ranga's Marriage. Ch 4 - Albert Einstein at School.
Ch 5 – Mother's Day Ch 7 - Birth. Ch 8 - The Tale of Melon City.

HINDI

आरोह पार्ट-1

काव्यांश – 16m

- कबीर 2.मीरा 3. सुमित्रा नंदन पंत 4.भवानी प्रसाद मिश्र 5.त्रिलोचन 6.दुष्यंत कुमार 7.अक्क महादेवी 8.निर्मला पुतुल

गद्य- 16 m

- प्रेमचंद 2.कृष्णा सोबती 3.बालमुकुंद गुप्त 4.शेखर जोशी 5.कृष्ण नाथ 6.मुन्नू भंडारी 7.कृष्ण चंदर 8.जवाहर लाल नेहरू

वितान – 12 m

- लता मंगेशकर 2.. राजस्थान की रजत बूँदे 3.आलो आंधरि

जन संचार माध्यम एवं रचनात्मक लेखन –

- अपठित गद्यांश (10 m) 2. अपठित पद्यांश (6 m) 3.निबंध (8 m) 4. पत्र (5 m) 5. जनसंचार लघु प्रश्न (4 m)
- फीचर लेखन , आलेख रिपोर्ट (3 m)

CHEMISTRY

S.NO

CHAPTER NAME

1	Some basic concept	(4m)
2	Atomic structure	(4m)
3	Periodic Table	(3m)
4	Chemical Bonding	(5m)
5	States of Matter	(3m)
6	Equilibrium	(8m)
7	Thermodynamics	(6m)
8	Redox Reaction	(5m)
9	Hydrogen	(3m)
10	S-Block	(3m)
11	P-Block	(3m)
12	G.O.C	(8m)
13	Hydrocarbon	(12m)
14	Environmental	(3m)

70

ECONOMICS

Chapter Name (Microeconomics) PART A Marks

• Economics & Economy	}	1m
• Central Problems of an Economy		
• Consumer's Equilibrium-Utility Analysis	}	4m
• Consumer's Equilibrium-Indifference curve analysis		
• Theory of Demand	}	4m
• Price Elasticity of Demand		
• Theory of Supply		9m
• Forms of market		10m
• Market Equilibrium under perfect Competition & Effects of Shift in demand & supply.		12m

TOTAL PART A 40m

Chapter Name (Statistics for Economics) PART B

• Concept of Economics and Significance of Statistics in Economics	}	2m
• Collection of Data		
• Census and Sample Methods of Collection of Data		
• Organisation of Data	}	4m
• Presentation of Data- Textual and Tabular Presentation		
• Diagrammatic Presentation of Data- Bar Diagrams and Pies Diagrams		
• Frequency Diagrams, Histograms, Polygon and Ogive		8m
• Measures of Central Tendency- Arithmetic Mean		6m
• Measures of Central Tendency- Median and Mode		5m
• Measures of Dispersion		9m
• Correlation		6m
• Index Numbers		40m

TOTAL PART B 40m

TOTAL (PART A + PARTB) 80m

PHYSICS

1-Units and measurements	02m
2-Motion in one and two dimension	08m
3-Laws of motion	06m
4-Work power and energy	06m
5-Universal Gravitation	07m
6-Mechanical properties of solids	06m
7- Mechanical properties of liquids	08m
8-Heat transmission	07m
9- Heat and thermodynamics and k.T.G.	05m
10- Oscillations	07m
11-Waves	08m

ACCOUNTANCY

Chapter Name	M
• Accounting Equation	3m
• Journal } • Ledger }	8m
• Special Purpose Books 1-Cash Book	6m
• Bank Reconciliation Statement	6m
• Trial Balance	4m
• Depreciation	6m
• Provisions and Reserves	3m
• Accounting for Bills of Exchange	8m
• Rectification of Errors	8m
• Financial Statements of Sole Proprietorship	4m
• Adjustments in Preparation of Financial Statements	16m
• Accounts from Incomplete Records-Single Entry System	8m
Total	80

BUSINESS STUDIES

1. Business, Trade and Commerce, Forms of Business Organisation & Formation of a Company	20m
2. Private, Public and Global Enterprise & Business Services	14m
3. Emerging Modes of Business & Social Responsibilities of Business and Business Ethics	12m
4. Sources of Business Finance & Small Business	20m
5. Internal Trade & International Business	14m

BIOTECHNOLOGY

1. Unit 2: Molecules of life Biomolecules – macromolecules	9m
2. Unit 3: Genetic and molecular Biology Concepts of genetics, genes and genomes	21m
3. Unit 4: Cells and organisms The basic of units of life, cell growth and development	40m

MATHEMATICS

1. Sets	}	23m
2. Relations & Functions		
3. Trigonometric Functions		
4. Principle of Mathematical Induction	}	30m
5. Complex numbers and Quadratic equations		
6. Linear Inequalities		
7. Permutations & Combinations	}	10m
8. Binomial Theorem (+ve index)		
9. Sequences & Series		
10. Straight Lines	}	5m
11. Conic Sections		
12. Introduction to 3-D Geometry		
13. Limits & Derivatives		2m
14. Mathematical Reasoning		
15. Statistics	}	10 m
16. Probability		

BIOLOGY

Unit 1: Diversity in the living world

Unit 2: Structural organization in plants and animals **8m**

1. Morphology of flowering plants
2. Anatomy of flowering plants
3. Structural organization in animals

Unit 3: Cell – Structure and function **16m**

4. Cell: The unit of life
5. Biomolecules
6. Cell cycle and cell division

Unit 4: Plant physiology **16m**

7. Transportation in plants
8. Mineral nutrition
9. Photosynthesis in higher plants
10. Respiration in plants
11. Plant growth and development

Unit 5: Human physiology **30m**

12. Digestion and absorption
13. Breathing and exchange of gases
14. Body fluids and circulation
15. Excretory products and their elimination
16. Locomotion and movement
17. Neural control and coordination
18. Chemical coordination and integration

ENTREPRENEURSHIP

Chapter / Unit

CH:1 Entrepreneurship: concept and functions	7m
CH:2 An Entrepreneur	8m
CH: 3 Entrepreneurial journey	15m
CH:4 Entrepreneurship an innovation and Problem Solving	10m
CH:5 Concept of Market	20m
CH:6 Business Finance and Arithmetic	10m
Total	70m

LEGAL STUDIES

U	NAME
1	Theory and Nature of Political Institutions
2	Nature and Sources of Law
3	Historical Evolution of Indian System
4	Judiciary: Constitutional, Civil and Criminal Courts
5	Family Justice System

POLITICAL SCIENCE

INDIAN CONSTITUTION AT WORK

1. Constitution; Why & How and Philosophy of the Constitution	12m
2. Rights in the Indian Constitution	10m
3. Election and Representation 4. The Executive	10m
5. Legislature 6. The Judiciary	10m
7. Federalism 8. Local Governments	10m
9. Constitution as a living document	8m

POLITICAL THEORY

10. Political Theory : An Introduction 11. Freedom	10m
12. Equality 13. Social Justice	10m
14. Rights 15. Citizenship	10m
16. Nationalism 17. Secularism	10m
18. Peace	10m

INFORMATICS PRACTICES(065)

1. Introduction to Python	}	30m
2. Elementary Concepts of Python		
3. Operators and Expressions in Python		
4. Conditional Statements in Python		
5. Looping in Python		
6. List	}	30m
7. Database Concepts		
8. Structure Query Language		
9. SQL Select Statement		
10. Computing and Ethics		

VOCAL MUSIC

Definations , Description of Naad and saptak,Biographies : - Tansen,Pt. VishnuNarain Bhatkhande,Tal Notation with Dudun, Teen tal, Jhaptal, Kaharwa tal, Dadra tal, Introduction of Raga:- Raga Bhairavi Raga Vrindavani sarang, Raga Bihag, Raga Jaunpuri.

KATHAK

Definations, Tal notation:- Teental,Jhap Tal,Roopak Tal, Dadra Tal, Kaharwa Tal.
Tukda ,Tehai and Aamad notation.
Storylines:- Kaliya daman,Panghat lila, Makhan chori, Gobardhan lila, Drupadi cheer haran,
Gharanas: - All Three.
Tandav lasya, Costumes of all the classical dances.
Folk dances of India :- Assam,Gujrat , Maharashtra, Punjab and Uttar Pradesh

FINE ARTS

- Miniature Painting
- Rajasthani School of Painting
- The Pahari School of Painting Practical
- 5 shets (still life)
- 5 sheets (painting composition)

PHYSICAL EDUCATION

Chapter -2 Olympic Value Education
Chapter -4 Physical Education and sports for CWSN
Chapter -5 Yoga
Chapter -7 Test measurement & Evaluation
Chapter- 8 Fundamentals of Anatomy Physiology & Kinesiology in Sports
Chapter -9 Psychology & Sports
Chapter -10 Training & Doping in Sports

HISTORY

1.	From the Beginning of Time	7M
2.	Writing and City Life	10M
3.	An Empire Across The Three Continents	6M
4.	The Central Islamic Lands	10M
5.	Nomadic Empires	2M
6.	The Three Orders	5M
7.	Changing Cultural Traditions	7M
8.	Confrontation of Cultures	5M
9.	The Industrial Revolution	10M
10.	Displacing Indigenous Peoples	8M
11.	Paths to Modernisation	10M

SOCIOLOGY

Sno	Name	2m	4m	6m	Total
1	Sociology and Society	2Q	1Q	X	8
2	Township Concept Uses	2Q	1Q	X	8
3	Understanding Social Institution	2Q	X	1Q	10
4	Culture and Socialization	1Q	X	1Q	8
5	Doing Sociology Research	1Q	1Q	X	6
6	Social Structure Stratification & Social Process in Society	2Q	X	1Q	10
7	Social Change & Social Order	X	1Q	1Q	10
8	Environment and Society	1Q	1Q	X	6
9	Introducing Western Sociologists	1Q	1Q	X	6
10	Indian Sociologists	2Q	1Q	X	8
TOTAL		14Q	7Q	4Q	80
		28m	28m	24m	m