



Sir Padampat Singhania Education Centre

Kamla Nagar Kanpur

BLUE PRINT OF CLASS –XI (2020-2021)

ANNUAL EXAMINATION

English

PART A – Objective (40 Marks)

Reading: 18 Marks

- I. Multiple Choice questions based on one unseen passage to assess comprehension, interpretation and inference. Vocabulary and inference of meaning will also be assessed. The passage may be factual, descriptive or literary. (10x1=10m)
- II. Multiple Choice questions based on one unseen factual passage. (8x1=8m)
- Grammar: 8 Marks**
- III. Multiple choice questions on Gap filling (Determiners, Tenses) (5x1=5m)
- IV. Multiple choice questions on re-ordering. (3x1=3m)
- Literature: 14 Marks**
- V. Multiple Choice questions from an extract from Poetry from **Hornbill** to assess comprehension and appreciation. (3x1=3m)
- VI. Multiple Choice questions based on two Prose extracts (**Hornbill as well as Snapshots**) to assess comprehension and appreciation. (6x1=6m)
- VII. Text based Multiple Choice Questions to assess comprehension, analysis and interpretation, from Prose and Poetry. (5x1=5m)

PART B – Subjective (40 MARKS)

Reading Section: 8 Marks

- Q1. Note Making and Summarization based on a passage of approximately 200-250 words. (5 marks)
- (a). Note Making- (3 marks)
- (b). Summary (50 words)-

Writing Section: 14 Marks

- Q2. Notice writing up to 50 words. (4 Marks: Format : 1 / Content : 2 / Expression : 1)
- Q3. Letters based on verbal/visual input, to be answered in 120-150 words. Business or official letters (registering complaints and placing orders) (5 Marks Format: 1 / Content: 2 / Expression: 2)
- Q4. Writing composition based on visual/verbal inputs in 120-150 words. May be descriptive / argumentative in nature such as **speech/debate**. (5 Marks Format: 1 / Content: 2 / Expression: 2)

Literature Section: 18 Marks

- Q5. Short answer type question (**from the book Hornbill**), to be answered in 30-40 words. (2x2=4m)
- Q6. Short answer type question, from (**Snapshots**), to be answered in 40- 50 words. (2x2=4m)
- Q 7. One Long answer type question, from **Prose/poetry (Hornbill)**, to be answered in 120-150 words to assess global comprehension and extrapolation beyond the text. (1x5=5m)
- Q.8. One Long answer type question, based on the chapters from the book **Snapshots**, to be answered in 120-150 words to assess global comprehension and extrapolation beyond the text. (1x5=5m)

Mathematics

Sl.No.	Chapter	1 Mark	2 Marks	3Marks	5 Marks	Weightage
1.	Sets	6				6
		(4 MCQ Case study Based)				
2.	Relations & Functions	1	1	1		6
3.	Trigonometric	2	1	1		7
4.	Complex Numbers & Quadratic Equations	1	1			3
5.	Linear Inequalities	1		1	1	9
6.	Permutations & Combinations	2	1			4
7.	Sequences & Series	6	1	1		11
		(4 MCQ Case study Based)				
8.	Straight Lines	1	1			3
9.	Conic Sections	1	1	1	1	11
10.	Introduction of 3-Dimensional Geometry	1	1			3
11.	Limits & Derivatives	1	1	1		6
12.	Statistics			1	1	8
13.	Probability	1	1			3
				Total		80

Physics

Sr. No.	Topics	(1) VSA	(2) SAI	(3) SA II	(5) LA	(4) Case-Study	Total
1	Units & Measurement (Dimensional Analysis)		1				2
2	Motion in a straight line	1	1				3
3	Motion in a Plane	1	1				3
4	Laws of Motion	1		1			4
5	Work Power and Energy	1				1	5
6	Gravitation			1	1		8
7	Mechanical Properties of Solids (Elasticity)		1	1			5
8	Mechanical Properties of Fluids (Flow of liquids)	1	1	1			6
9	Thermodynamics	3	2		1		12
10	Oscillations	2	2	1	1		14
11	Waves	4				1	8
Total		14	18	15	15	8	70

Chemistry

S.No.	Chapter Name	1M	2M	3M	5M	Marks
1.	Some Basic Concepts	1 MCQ	-	1	-	4M
2.	Atomic Structure	1+1 MCQ	1	-	-	4M
3.	Periodic Table	-	-	1	-	3M
4.	Chemical Bonding	1+1+1 MCQ	1 +1	-	-	7M
5.	States of Matter	-	-	1	-	3M
6.	Thermodynamics	1+1+1+1 MCQ	1	-	-	6M
7.	Equilibrium	1+1MCQ 1Assertion	-	-	1	8M
8.	Redox Reactions	1+1MCQ 1Assertion	-	-	1	8M
9.	Hydrogen	-	-	1	-	3M
10.	General Organic Chemistry	1+1MCQ 1Assertion	1+1+1	-	-	9M
11.	Hydrocarbon	1+1MCQ 1Assertion	1+1	1	1	15M
Total		1MX22=22M	2MX9=18M	3MX5=15M	5MX3=15M	70M

Biology

Sl.No.	Chapter	Marks
1.	Human physiology	20
2.	Plant physiology	15
3.	Cell structure and function.	15
4.	Structural organization	10
5.	Diversity in living world.	10

Biotechnology

Sl.No.	Chapter	Marks
1.	Molecules of life	10
2.	Concepts of genetics.	5
3.	Genes and genome.	25
4.	Basic unit of life.	10
5.	Cell growth and development.	20

Accountancy

S.No.	Chapter Name	1M	3M	4M	6M	8M	Total Marks
1.	Accounting Equations	1 MCQ, 1 FIB, 1 T/F	-	-	-	-	3M
2.	Books of Original Entry: Journal Entry and Ledger	1 MCQ	1	1	-	-	8M
3.	Books of Original Entry: Cash Book	1 T/F, 1 FIB	-	1	-	-	6M
4.	Bank Reconciliation Statement	1 MCQ, 1 T/F	-	1	-	-	6M
5.	Trial Balance and Errors	1 FIB	1	-	-	-	4M
6.	Depreciation	-	-	-	1	-	6M
7.	Provisions and Reserves	1 MCQ, 1 FIB, 1 T/F	-	-	-	-	3M
8.	Bills of Exchange	1 T/F, 1 FIB	-	-	1	-	8M
9.	Rectification of errors	1 T/F, 1 FIB	-	-	1	-	8M
10.	Final Accounts- without Adjustment	-	-	1	-	-	4M
11.	Final Accounts- with Adjustment	2 MCQ, 1 T/F, 1 FIB	-	1	-	1	16M
12.	Single Entry system	-	-	-	-	1	8M
Total		1MX20=20M	3MX2=6M	4MX5=20M	6MX3=18M	8MX2=16M	80M

Business Studies

S.No.	Chapter Name	1M	3M	4M	5M	6M	Total Marks	
1.	Business, Trade and Commerce	1 MCQ, 1 FIB, 1 T/F 2 Case studies	-	-	-	-	5M	13M
2.	Forms of business organization	1 T/F 2 Case studies	-	-	1 Case Study	-	8M	
3.	Private, Public and Global Enterprise	1 FIB 1 Case study	1	1 Case Study	-	-	9M	14M
4.	Business Services	1 T/F 1 Case study	1 Case Study	-	-	-	5M	
5.	Emerging modes of business	1 MCQ	-	-	-	1 Case Study	7M	19M
6.	Social responsibility and business ethics	-	-	-	1 Case Study	-	5M	
7.	Formation of a Company	1 MCQ 2 Case studies	-	1	-	-	7M	
8.	Sources of business finance	1 FIB 1 Case study	1	-	-	1 Case Study	11M	20M
9.	Small business	1 MCQ	1 Case Study	-	1	-	9M	
10.	Internal Trade	1 T/F	-	-	-	1 Case Study	7M	14M
11.	International Trade	-	1 Case Study	1	-	-	7M	
Total		1MX20=20M	3MX5=15M	4MX3=12M	5MX3=15M	6MX3=18M	80M	

Economics

Marks	No. of Questions	Total
1	X 20	= 20
3	X 4	= 12
4	X 6	= 24
6	X 4	= 24
Total no. of Questions		34
		80

Chapter wise Weightage

Chapter	Chapter Name (Statistics for Economics) PART A	Marks
CH 4.	Organisation of Data	2M
CH 5.	Presentation of Data- Textual and Tabular Presentation	4M
CH 6.	Diagrammatic Presentation of Data- Bar Diagrams and Pies Diagrams	
CH 7.	Frequency Diagrams, Histograms, Polygon and Ogive	8M
CH 9.	Measures of Central Tendency- Arithmetic Mean	
CH 10.	Measures of Central Tendency- Median and Mode	6M
CH 11.	Measures of Dispersion	5M
CH 12.	Correlation	9M
CH 13.	Index Numbers	6M
TOTAL PART A		40M

Chapter	Chapter Name (Microeconomics) PART B	Marks	
CH 3.	Consumer's Equilibrium-Utility Analysis	5M	
CH 4.	Consumer's Equilibrium-Indifference curve analysis		
CH 5.	Theory of Demand	4M	
CH 6.	Price Elasticity of Demand		
CH 7.	Production Function & returns to a factor	10M	
CH 8.	Concepts of Cost		
CH 9.	Concept of Revenue		
CH 11.	Theory of Supply	9M	
CH 12.	Forms of market	6M	
CH 13.	Market Equilibrium under perfect Competition & Effects of Shift in demand & supply.	6M	
		TOTAL PART B	40M
		TOTAL PART A+B	80M

History (Max Marks: 80 marks)

Section A: EARLY SOCIETIES 1. Writing and City Life	(8marks)
Section-B : EMPIRES 2. An Empire Across Three Continents 3. The Central Islamic Lands	(20marks)
Section-C: CHANGING TRADITIONS 4. The Three Orders 5. Changing Cultural Traditions	(20marks)
Section-D: TOWARDS MODERNISATION 6. The Industrial Revolution 7. Displacing Indigenous Peoples 8. Paths to Modernisation	(28marks)
Map work	(4 marks)

Political Science

S. No.	Chapter Name	1 Mark	2Mark	4 Mark	6 Mark	Map	Total
1	Constitution	1	1	1	1	-	13
2	Election and Representation	1+1	-	1	-	-	6
3	Legislature	-	-	1	-	1+1	6
4	Executive	1	-	1	-	1	6
5	Judiciary	1+1	1	-	-	1+1	6
6	Local Governments	1+1+1	-	-	-	-	3
7	Political Theory: An Introduction	1+1	1	-	-	-	4
8	Liberty	1+1	1	1	-	-	8
9	Equality	1	1	1	-	-	7
10	Justice	1+1	-	-	1	-	8
11	Rights	1	1	1	-	-	7
12	Development	-	-	-	1	-	6
		17	12	28	18	5	80

Sociology

S. No.	Chapter Name	1 Mark	2Mark	4 Mark	6 Mark	Total
1	Sociology, Society disciplines	1+1	1+1	1	-	10
2	Terms, concepts Sociology	1+1	1+1	1	-	10
3	Understanding Social Institutions	1+1	-	1	1	12
4	Culture and Socialization	1+1	1	1+1	-	12
5	Social Change and Social order in Rural and Urban Society	1+1	-	1	1	12
6	Introducing Western Sociologists	1+1	1+1	-	1	12
7	Indian Sociologists	1+1+1+1	1+1	1	-	12
	Total	16	18	28	18	80

Informatics Practices

UNIT	UNIT NAME	CHAPTERS	THEORY MARKS
1	Python Programming	1 Getting Started with Python 2 Python Programming Fundamentals 3. Conditional and Looping Constructs 4. List in Python 5. Dictionary	35
1 Mark Questions- 8 2 Mark Questions-5 3 Mark Questions- 3 4 Mark Questions- 2			
2	Structured Query Language	6. Database Concepts 7. Structured Query Language 8. Single Row Functions	25
1 Mark Questions- 8 2 Mark Questions-7 3 Mark Questions- 3			
3	Emerging Trends	9. Emerging Trends	10
1 Mark Questions- 4 2 Mark Questions-3			

हिंदी (आधार)

खंड	विषय	अंक
क)	अपठित अंश	15
1	अपठित गद्यांश - बोध (गद्यांश पर आधारित बोध, प्रयोग, रचनांतरण, शीर्षक आदि पर 10 बहुविकल्पी/अतिलघुतरात्मकक प्रश्न 1 अंक (1अंक x 10 प्रश्न)	10
2	अपठित काव्यांश पर आधारित बोध (गद्यांश पर आधारित बोध, प्रयोग, रचनांतरण, शीर्षक आदि पर 5 बहुविकल्पी/अति लघुतरात्मकक प्रश्न 1 अंक (1 अंक x 5 प्रश्न)	05
ख)	कार्यालयी हिंदी और रचनात्मक लेखन (‘अभिव्यक्ति और माध्यम’ पुस्तक के आधार पर)	25
3	दो गई स्थिति / घटना के आधार पर रचनात्मक लेखन (विकल्प सहित) (निबंधनात्मक प्रश्न) (5 अंक x 1 प्रश्न)	05
4	औपचारिक/अनौपचारिक पत्र (निबंधनात्मक प्रश्न) (5 अंक x 1 प्रश्न)	05
5	व्यावहारिक लेखन (प्रतिवेदन, प्रेस-विज्ञप्ति, परिपत्र, कार्यसूची/कार्यवृत्त से संबंधित दो लघुउत्तरीय प्रश्न - एक तीन व एक दो अंक का) (विकल्प सहित) (3 अंक x 1 प्रश्न) + (2 अंक x 1 प्रश्न)	05
6	शब्दकोश से संबंधित 5 बहुविकल्पी प्रश्न (1 अंक x 5 प्रश्न)	05
7	जनसंचार माध्यम और पत्रकारिता के विविध आयामों पर से संबंधित दो लघुउत्तरीय प्रश्न-एक तीन व एक दो अंक का) (विकल्प सहित) (3 अंक x 1 प्रश्न) + (2 अंक x 1 प्रश्न)	05
ग)	पाठ्यपुस्तक	40
1)	आरोह भाग - 1	30
अ)	काव्य भाग	15
8	किसी एक काव्यांश पर अर्थग्रहण से संबंधित तीन प्रश्न (2 अंक x 3 प्रश्न) (विकल्प सहित)	06
9	एक काव्यांश के सौंदर्यबोध पर दो लघुउत्तरीय प्रश्न (2 अंक x 2 प्रश्न) (विकल्प सहित)	04
10	कविताओं की विषयवस्तु पर आधारित दो लघुउत्तरीय-एक तीन व एक दो अंक का (विकल्प सहित) (3 अंक x 1 प्रश्न) + (2 अंक x 1 प्रश्न)	05
ब)	गद्य भाग	15
11	गद्यांश पर आधारित अर्थग्रहण से संबंधित तीन प्रश्न (2 अंक x 3 प्रश्न)	06
12	पाठों की विषयवस्तु पर आधारित चार में से तीन बोधात्मक प्रश्न (3 अंक x 3 प्रश्न)	09
(2)	वितान भाग-1	10
13	पाठों की विषयवस्तु पर आधारित चार लघुउत्तरीय प्रश्न -दो तीन अंकों के व दो-दो अंकों के प्रश्न (विकल्प सहित) (3 अंक x 2 प्रश्न) + (2 अंक x 2 प्रश्न)	10
घ)	क) श्रवण तथा वाचन - 10	20
	ख) परियोजना - 10	
कुल अंक		100

Entrepreneurship

Marks: 70

Duration: 3 Hrs.

Marks	No. of Questions	Total
1	X 21	= 21
2	X 5	= 10
3	X 3	= 09
4	X 3	= 12
6	X 3	= 18
Total no. of Questions	35	70

Chapter wise Weightage

Units	Unit Name	Marks
Unit 1:	Entrepreneurship: Concept and Functions	15 M
Unit 2:	An Entrepreneur	
Unit 3:	Entrepreneurial Journey	20 M
Unit 4:	Entrepreneurship as Innovation and Problem solving	
Unit 5:	Concept of Market	15 M
Unit 6:	Business Finance and Arithmetic	20 M
Unit 7:	Resource Mobilization	
	TOTAL	70 M

Legal Studies

S.no.	Topic	Marks
Unit 1	Theory and Nature of Political Institutions.	20
Unit 2	Nature and Sources of Laws	20
Unit 3	Historical Evolution of Indian Legal System	10
Unit 4	Judiciary: Constitutional, Civil and Criminal Court Processes	20
Unit 5	Family Justice System	10

Physical Education

Chapters	2M	3M	5M	TOTAL
Chapter 1 – Changing Trends and Carrier in Physical Education	2	1	1	4
Chapter 2 – Olympic Value	2	1	1	4
Chapter 5 – Yoga	2	1	1	4
Chapter 6 – Physical Activity	2	1	1	4
Chapter 7 – Test & Measurement	2	1	1	4
Chapter 8 – Fundamental of Anatomy	2	1	1	4
Chapter 9 – Psychology and Sports	2	1	1	4
Total	14	7	7	28 Ques