



Blueprint for Annual Exam (February 2023) – 80/70/30 MARKS

Class XI (Science)

English

Section A (Reading Skills: 26 Marks)

Reading Comprehension through Unseen Passage: 18 Marks

I. One unseen passage to assess comprehension, interpretation, inference and vocabulary. The passage may be factual, descriptive or literary.

II. One unseen case-based passage with verbal/visual inputs like statistical data, charts etc.

Note: The combined word limit for both the passages will be 600-750.

Multiple Choice Questions / Objective Type Questions will be asked. (10+8 = 18 Marks)

III. Note Making and Summarization based on a passage of approximately 200-250 words.

(8 Marks)

Section B (Grammar and Writing Skills: 23 Marks)

IV. Grammar: 7 Marks

i. Questions on Gap filling (Tenses, Clauses)

ii. Questions on re-ordering/transformation of sentences

(Total seven questions to be done out of the eight given).

V. Creative Writing Skills: 16 Marks

i. Short writing task – Classified Advertisements up to 50 words. One out of the two given questions to be answered (3 Marks: Format: 1 / Content: 1 / Expression: 1)

ii. Short writing task –Poster up to 50 words. One out of the two given questions to be answered. (3marks: Format: 1 / Content : 1 / Expression : 1)

iii. Writing a Speech in 120-150 words based on verbal / visual cues related to some contemporary/ age-appropriate topic. (5 Marks: Format: 1 / Content: 2 / Expression: 2)

iv. Writing a Debate based on visual/verbal inputs in 120-150 words. The theme should be contemporary topical issues. One out of the two given questions to be answered. (5 Marks: Format: 1 / Content: 2 / Expression: 2)

Section C (Literature: 31 Marks)

This section will have variety of assessment items including Multiple Choice Questions, Objective Type Questions, Short Answer Type Questions and Long Answer Type Questions to assess comprehension, analysis, interpretation and extrapolation beyond the text.

VI. Reference to the Context

i. One Poetry extract out of two from the book Hornbill to assess comprehension, interpretation, analysis and appreciation. (3x1=3 Marks)

ii. One Prose extract out of two from the book Hornbill to assess comprehension, interpretation, analysis and appreciation. (3x1=3 Marks)

iii. One prose extract out of two from the book Snapshots to assess comprehension, interpretation and analysis. (4x1=4 Marks)

VII. Two Short answer type question (one from Prose and one from Poetry from the book Hornbill), out of four, to be answered in 40-50 words. Questions should elicit inferential responses through critical thinking. (3x2=6 Marks)

VIII. One Short answer type question, from the book Snapshots, to be answered In 40- 50 words. Questions should elicit inferential responses through critical thinking. Any 1 out of 2 questions to be done. (3x1=3 Marks)

IX. One Long answer type question, from Prose/Poetry Hornbill, to be answered in 120-150 words. Questions can be based on incident / theme / passage / extract / event as reference points to assess extrapolation beyond and across the text. The question will elicit analytical and evaluative response from student. Any 1 out of 2 questions to be done.

(1x6=6 Marks)

X. 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. Questions to provide evaluative and analytical responses using incidents, events, themes as reference points. Any 1 out of 2 questions to be done.

(1x6=6 Marks)

Chemistry

MM- 70

Section A (MCQ + Assertion Reason type) : 18 x 1 mark = 18 marks

Section B (Very Short Answer type) : 7 x 2 marks = 14 marks

Section C (Short Answer Type) : 5 x 3 marks = 15 marks

Section D (Case Study Type) : 2 x 4 marks = 8 marks

Section E (Long Answer Type) : 3 x 5 marks = 15 marks

1. Some Basic Concepts of Chemistry - 7 marks
2. Structure of Atom - 9 marks
3. Classification of Elements and Periodicity in Properties - 6 marks
4. Chemical Bonding and Molecular Structure - 7 marks
5. Chemical Thermodynamics - 9 marks
6. Equilibrium - 7 marks
7. Redox Reactions - 4 marks
8. Organic Chemistry: Some basic Principles and Techniques - 11 marks
9. Hydrocarbons - 10 marks

Physics

M.M 70

Section A (MCQ + Assertion Reason type) : 18 x 1 mark = 18 marks

Section B (Very Short Answer type) : 7 x 2 marks = 14 marks

Section C (Short Answer Type) :5 x 3 marks = 15 marks

Section D (Long Answer type) : 3*5 marks = 15 marks

Section E (Case study based) : 2 x 4 marks = 8 marks

UNIT	TITLE	MARKS
1	Physical World and Measurement	03
2	Kinematics	10
3	Laws of Motion	10
4	Work, Energy and Power	06
5	Motion of System of Particles and Rigid Body	06
6	Gravitation	05
7	Properties of Bulk Matter	10
8	Thermodynamics	05
9	Behaviour of Perfect Gases and Kinetic Theory of Gases	05
10	Oscillations and Waves	10

Mathematics

Section A (MCQs + Assertion Reason type): $20 \times 1 = 20$ Marks

Section B (Very Short Answer Type): $5 \times 2 = 10$ Marks (2 internal choices)

Section C (Short Answer Type): $6 \times 3 = 18$ Marks (2 internal choices)

Section D (Long Answer Type): $4 \times 5 = 20$ Marks (2 internal choices)

Section E (Case Study Based): $3 \times 4 = 12$ Marks

Unit	Chapter Name	1 M	2 M	3 M	4 M Case Study	5 M	Total
I	Sets	2	1		1		23
	Relations and Functions	1	1	1			
	Trigonometric Functions	2	1			1	
II	Complex Numbers and Quadratic Equations	2		1			25
	Linear Inequalities	2		1			
	Permutations and Combinations	2			1		
	Binomial Theorem	1	1				
	Sequence and Series	1				1	
III	Straight Lines	1	1				12
	Conic Sections					1	
	Introduction to Three-Dimensional Geometry	1		1			
IV	Limits and Derivatives	2		2			8
V	Statistics	1				1	12
	Probability	2			1		
	Total	20	10	18	12	20	80

Biology

Section A (MCQ + Assertion Reason type) : 16 x 1 mark = 16 marks

Section B (Very Short Answer type) : 5 x 2 marks = 10 marks

Section C (Short Answer Type) : 7 x 3 marks = 21 marks

Section D (Case Study Type) : 2 x 4 marks = 8 marks

Section E (Long Answer Type) : 3 x 5 marks = 15 marks

Unit	Title	Marks
I	Diversity of Living Organisms	15
II	Structural Organization in Plants and Animals	10
III	Cell: Structure and Function	15
IV	Plant Physiology	12
V	Human Physiology	18
	Total	70

App. Arts

Unit-1	10 marks
Chapter-1 Pre-historic rock paintings Chapter-2 Art of Indus Valley Civilization.	
Unit-2	10 marks
Chapter-3 General Introduction of Art during Mauryan, Shunga, Kushana and Gupta Period Chapter-4 Art of Ajanta	
Unit-3	10 marks
Chapter-5 Indian Temple Sculptures Chapter-6 Indian Bronzes Chapter-7 Indo-Islamic Architecture	
	Total 30 marks

Phy. Edu.

S.No	Unit Name		Marks
1.	Changing trends and career in Phy-Edu	4+2+1	7
2.	Olympism	3+2+1	6
3.	Yoga	5+1	6
4.	Physical Education and sports for CWSN	3+2+1+1	7
5.	Physical fitness, Health and Wellness	4+2+1	7
6.	Test, Measurement and Evaluation	4+1+1+1	7
7.	Fundamentals of Anatomy and Physiology in sports	5+2+1	8
8.	Fundamentals of kinesiology and Biomechanics in Sports	5+1+1	7
9.	Psychology and Sports	3+2+1+1	7
10.	Training and Doping in Sports	5+1+1+1	8

Sr. No	Section	Question NO.	No. of questions to be attempted	Marks per Question	Total Marks per Section
1.	A (objective Type)	1-18	18	1	18
2.	B (Very Short Answer Type)	19-24	5	2	10
3.	C (Short Answer Type)	25-30	5	3	15
4.	D (Long Answer Type)	31-33	3	4	12
5.	E (Very Long Answer Type)	34-37	3	5	15
	Total				70

Informatics Practices

Unit Name	Marks
Introduction to computer system	10
Introduction to Python	25
Database concepts and the Structured Query Language	30
Introduction to Emerging Trends	5
Theory Total	70
Practical	30
Total (Theory+ Practical)	100

Type	Marks	No. of Questions to be answered	Total Marks
SECTION A			
Objective Type Question	1	16	16 X 1=16
Assertion/Reasoning	2	2	2 X 1=2
SECTION B			
Very Short Answer Type Questions	2	7 (2 Questions have internal choice)	7 X 2=14
SECTION C			
Short Answer Type Question	3	5 (2 Questions have internal choice)	5 X 3=15
SECTION D			
Long Answer Type Question	5	3(2 Questions have internal choice)	3 X 5=15
SECTION E			
Case Study Based Questions	1+1+2	2(1 Question has internal choice against c part only carrying 2 marks)	2 X 4=8
70 marks			

Home Science

Section A (MCQ + Assertion Reason type and Case Based Questions) :
18 x 1 mark = 18 marks

Section B (Short Answer type) :

7 X 2 marks = 14 marks

4 X 3 marks = 12 marks

Section C (Long Answer Type) :

4 X 4 marks = 16 marks

5 X 2 marks = 10 marks

No.	UNITS	Marks
1	Introduction To Home Science	02
2	Understanding Oneself : Adolescence	20
3	Understanding Family, Community and Society	15
4	Childhood	15
5	Adulthood	18
6	THEORY	70

Applied Mathematics

Section A (MCQs + Assertion Reason type): $20 \times 1 = 20$ Marks

Section B (Very Short Answer Type): $5 \times 2 = 10$ Marks (2 internal choices)

Section C (Short Answer Type): $6 \times 3 = 18$ Marks (2 internal choices)

Section D (Long Answer Type): $4 \times 5 = 20$ Marks (2 internal choices)

Section E (Case Study Based): $3 \times 4 = 12$ Marks

Unit	Chapter Name	1 M	2 M	3 M	4 M Case Study	5 M	Total
I	Numbers	1					9
	Indices and Logarithms	1	1				
	Quantitative Aptitude	2					
	Mensuration	1	1				
II	Sets and Relations	1		1			15
	Sequences And Series	2				1	
	Permutation and Combination				1		
III	Mathematical Reasoning	1	1	1			6
IV	Functions	1					10
	Limit and Continuity	1		1			
	Differentiation					1	
V	Probability	2	1		1		8
VI	Descriptive Statistics	3			1	1	12
VII	Compound Interest and Annuity	1		1			15
	Taxation	1				1	
	Utility Bills		1	1			
VIII	Straight Line			1			5
	Circle And Parabola	2					
	Total	20	10	18	12	20	