

Syllabus & Blueprint
Annual Examination: 2025 26
Class-XI (Science)

Date & Day	23/02/2026 Monday	24/02/2026 Tuesday	25/02/2026 Wednesday	26/02/2026 Thursday	27/02/2026 Friday	28/02/2026 Saturday	02/03/2026 Monday
Subject	Maths / Bio	English	AI	Chemistry	IP / PE	Psychology	Physics

Subject: English Core (301)

		Total
I. Reading Comprehension through Unseen Passages 10+8=18 Marks		26
Note Making 8 Marks		
Grammar and Creative Writing Skills		
Grammar	7 Marks	23
Creative Writing Skills	16 Marks	
Literature Text Book and Supplementary Reading Text		
Extract from Prose	3 Marks	31
Extract from Poem	3 Marks	
Extract from Snapshot	4 Marks	
Short Answer Questions from Hornbill	6 Marks	
Short Answer Questions from Snapshot	3 Marks	
Long Answer Questions from Hornbill	6 Marks	
Long Answer Questions from Snapshot	6 Marks	
Total		

SYLLABUS

Chapter Name

Subject: Physics (042) (Non-Academy)

Ch. No.	Chapter Name	MCQ	2 Marks	3 Marks	4 Marks	5 Marks	Total
1	Units and Measurements	-	-	-	-	-	3
2	Motion in a Straight Line	-	-	-	-	-	3
3	Motion in a Plane	-	-	-	-	-	3
4	Laws of Motion	-	-	-	-	-	3
5	Work, Energy and Power	-	-	-	-	-	3
6	System of Particles and Rotational Motion	-	-	-	-	-	3
7	Gravitation	-	-	-	-	-	4
8	Mechanical Properties of Solids	-	-	-	-	-	18
9	Mechanical Properties of Fluids	-	-	-	-	-	
10	Thermal Properties of Matter	-	-	-	-	-	8
11	Thermodynamics	-	-	-	-	-	8
12	Kinetic Theory	-	-	-	-	-	
13	Oscillations	-	-	-	-	-	14
14	Waves	-	-	-	-	-	
Total		16	10	21	8	15	70

Subject: Physics (042) (Academy)

S. No.	Chapter Name	MCQ	2 Marks	3 Marks	4 Marks	5 Marks	Total
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1	Unit and Dimensions	-	-	-	-	-	5
2	Motion in one Dimension	-	-	-	-	-	7
3	Motion in a plane	-	-	-	-	-	8
4	NLM and Friction	-	-	-	-	-	10
5	Work, Energy and Power	-	-	-	-	-	10
6	System of Particle	-	-	-	-	-	10
7	Property of Solids	-	-	-	-	-	5
8	Fluid Mechanics	-	-	-	-	-	10
9	Simple Harmonic Motion	-	-	-	-	-	5
Total		16	10	21	8	15	70

Subject: Chemistry (043)

Ch. No.	Chapter Name	1 MCQ	2 Marks	3 Marks	4 Marks	5 Marks	Total
1	Some Basic Concept of chemistry	-	-	-	-	-	7
2	Structure of Atoms	-	-	-	-	-	6
3	Classification of elements & periodicity in properties	-	-	-	-	-	5
4	Chemical bonding & molecular structure	-	-	-	-	-	12
5	Thermodynamics	-	-	-	-	-	5
6	Equilibrium	-	-	-	-	-	6
7	Redox reaction	-	-	-	-	-	4
8	Organic chemistry: some basic principles & techniques	-	-	-	-	-	10
9	Hydrocarbon	-	-	-	-	-	15
Total		-	-	-	-	-	-

Subject: Biology (044)

Ch. No.	Chapter Name	1 Marks MCQ	2 Marks	3 Marks	4 Case Based	5 Marks	Total
		-	-	-	-	-	-
I	Diversity of living organism	-	-	-	-	-	10
II	Structural and organization in plant and animals	-	-	-	-	-	12
III	CELL: structure and function	-	-	-	-	-	14
IV	Plant physiology	-	-	-	-	-	17
V	Human physiology	-	-	-	-	-	17
		-	-	-	-	-	-
		-	-	-	-	-	-
Total		16X1	5X2	7X3	2X4	3X5	70

Subject: Mathematics (041)

Ch. No.	Chapter Name	MCQ (1)	VSQ (2)	SAQ (3)	LAQ (5)	CSQ (4)	Total
1	Sets	-	-	-	-	-	4
2	Relation and Function	-	-	-	-	-	3
3	Trigonometry	-	-	-	-	-	10
4	Complex number	-	-	-	-	-	5

5	Linear inequalities	-	-	-	-	-	3
6	Permutation and Combination	-	-	-	-	-	6
7	Binomial Theorem	-	-	-	-	-	3
8	Sequence and Series	-	-	-	-	-	5
9	Straight lines	-	-	-	-	-	5
10	Conics Section	-	-	-	-	-	6
11	Three Dimensional Geometry	-	-	-	-	-	3
12	Limits and Derivatives	-	-	-	-	-	15
13	Statistics	-	-	-	-	-	5
14	Probability	-	-	-	-	-	7
	Total	20	10	18	20	12	80

Subject: Informatics Practices (065)

Ch. No.	Chapter Name	1 Mark	2 Mark	3 Mark	4 Mark	5 Mark	Total
1	Computer System	2	-	1	-	-	5
3	Python Programming Fundamentals	3	1	-	-	-	5
5	Lists in Python	4	2	1	1	1	20
6	Dictionary	3	1	-	-	-	10
9	Structured Query Language	4	2	1	1	1	20
10	Emerging Trends	5	1	1	-	-	10
	Total	21	7	4	2	3	70

Subject: Physical Education (048)

Ch. No.	Chapter Name	MCQ	VSA	SA	CBS	LA	Total
1	Changing trends and career in physical education	2	-	1	-	-	5
2	Olympics	2	1	1	-	-	7
3	Yoga	2	1	-	1	-	8
4	Physical education and sports for CWSN	1	1	1	-	-	6
5	Physical Fitness, Health and Wellness	2	1	-	1	-	8
6	Test, Measurement and Evaluation	1	1	-	1	-	7
7	Fundamentals of a Anatomy and Physiology in Sports	2	-	1	-	1	10
8	Fundamentals of Kinesiology and Biomechanics in Sports	2	1	-	-	1	9
9	Psychology and Sports	2	-	1	-	1	10
10	Training and Doping in Sports	2	-	1	-	1	10
	Total Question: Along with options	18 Que.	6 Que.	6 Que.	3 Que.	4 Que.	37 Que. (80 Marks)
	To be attempted	18 Que. (18 Marks)	5 Que. (10 Marks)	5 Que. (15 Marks)	3 Que. (12 Marks)	3 Que. (15 Marks)	34 Que. (70 marks)

Subject: Psychology (037)

Ch. No.	Chapter name	MCQ (1)	VSA (2)	SA (3)	LA – I (4)	LA – II (6)	CBQ (3)
1	What is Psychology? (11)	4	-	1	1	-	-
2	Methods of Enquiry in Psychology (13)	0	-	1	1	1	-
3	Human Development (11)	2	-	1	-	1	-
4	Sensory, Attentional and Perceptual Process (8)	1	2	-	-	-	1
5	Learning (9)	2	2	1	-	-	-
6	Human Memory (8)	1	-	-	1	-	1
7	Thinking (5)	3	1	-	-	-	-
8	Motivation and Emotion (5)	1		-	1	-	-
Total (No. of Question)		14	5	4	4	2	2
Total (Marks)		14	10	12	16	12	6

Subject: Artificial Intelligence (843)

Ch. No.	Chapter Name	MCQ 1	SA 2 Marks	LA 4 Marks	Total
Part – A Employability Skills					
3	ICT Skills – III	2	2	-	-
4	Entrepreneurial Skills – III	2	1	-	-
5	Green Skills - III	2	2	-	-
Total Questions		6	5	-	-
No of Questions to be answered		4	3	-	-
Total Marks		4	6	-	10
Part - B Subject Specific Skills					
		1 Mark	2 Marks	4 Marks	-
1	Introduction to AI	5	1	-	-
3	Career in AI	5	1	-	-
7	Framework for the Capstone Project	4	2	3	-
8	Data Literacy	5	1	2	-
11	AI Ethics and Values	5	1	-	-
Total Questions		24	6	5	-
No of Questions to be answered		20	4	3	-
Total Marks		20	8	12	40
Total Marks					50