

1 Syllabus & Blueprint
Term-I Examination: 2026 27
Class-XII (Science)

Date & Day	07/09/2026 Monday	08/09/2026 Tuesday	09/09/2026 Wednesday	10/09/2026 Thursday	11/09/2026 Friday	12/09/2026 Saturday
Subject	Chemistry	English	Maths / Bio	IP / PE / Psy	Physics	AI

Subject: English Core (301)

	Unseen Passage	12
	Unseen Passage	10
	NOTICE	4
	NOTICE	4
	Job-Application/Letter to Editor	5
	ARTICLE	5
	One Poetry extract	1X6=6
	One Prose extract From VISTAS	1X4=4
	One Prose extract From FLAMINGO	1X6=6
	Short answer type questions , FLAMINGO (FIVE OUT OF SIX)	2X5=10
	Short answer type questions, VISTAS (TWO OUT OF THREE)	2X2=4
	Long answer type questions, Flamingo (ONE OUT OF TWO)	5
	Long answer type questions, Vistas (ONE OUT OF TWO)	5
SYLLABUS	One Short answer type question, from the book Snapshots	3
Chapter Name	One Long answer type question, from Prose/Poetry of Hornbill	6
	One Long answer type question, based on the chapters from the book Snapshots	6
INTERNAL ASSESSMENT:		Total
		80

Subject: Physics (042) (Non-Academy)

Ch. No.	Chapter Name	MCQ	2 Marks	3 Marks	4 Marks	5 Marks	Total
9	Ray Optics and Optical Instrument	-	-	-	-	-	-
10	Wave Optics	-	-	-	-	-	-
1	Electric Field and Charges	-	-	-	-	-	-
2	Electric Potential and Capacitances	-	-	-	-	-	-
3	Current Electricity	-	-	-	-	-	-
4	Moving Charges and Magnetism	-	-	-	-	-	-
Total		16(16)	10(5)	21(7)	8(2)	15(3)	70 (33)

Subject: Physics (042) (Academy)

Ch. No.	Chapter Name	MCQ	2 Marks	3 Marks	4 Marks	5 Marks	Total
1	Electric Field and Charges	-	-	-	-	-	-
2	Electric Potential and Capacitances	-	-	-	-	-	-
3	Current Electricity	-	-	-	-	-	-
4	Moving Charges and Magnetism	-	-	-	-	-	-
5	Magnetism and Matter	-	-	-	-	-	-
6	Electromagnetic Induction	-	-	-	-	-	-

7	Alternating Current	-	-	-	-	-	-
TOTAL		16(16)	10(5)	21(7)	8(2)	15(3)	70(33)

Subject: Chemistry (043)

Ch. No.	Chapter Name	1 MCQ	2 Marks	3 Marks	4 Marks	5 Marks	Total
1	Solution	3	1	2			11
2	Electrochemistry	3		1		1	11
3	Chemical kinetics	2	1	1		1	12
4	d and f Block elements	3	1	1	1		12
5	Coordination compounds	3	1	1	1		12
6	Haloalkanes & Haloarenes	2	1	1		1	12
Total		16(16)	10(5)	21(7)	8(2)	15(3)	70 (33)

Subject: Biology (044)

Ch. No.	Chapter Name	1 Marks MCQ	2 Marks	3 Marks	Case Based	5 Marks	Total
1.	Sexual reproduction in Flowering Plants						9
2	Human reproduction						7
3	Reproductive Health						8
4	Principles of inheritance and Variation						8
5	Molecular basis of inheritance						15
6	Evolution						4
7	Human Health and Diseases						10
8	Microbes in human welfare						9
Total		16	10(5)	21(7)	8(2)	15(3)	70

Subject: Mathematics (041)

Ch. No.	Chapter Name	MCQ (1)	VSQ (2)	SAQ (3)	LAQ (5)	CSQ (4)	Total
1	Relations and Functions	3	1	1	0	1	12
2	Inverse Trigonometric Function	3	1	1	0	0	8
3	Matrices	3	0	1	0	1	10
4	Determinant	4	1	1	1	0	14
5	Continuity and Differentiability	4	1	1	1	0	14
6	Application of Derivatives	3	1	1	2	1	22
Total							80

Subject: Informatics Practices (065)

Ch. No.	Chapter Name	1 Mark	2 Mark	3 Mark	4 Mark	5 Mark	Total
1.	Data handling using Python-1	9x1	4x2	0	0	2x5	27
2.	Data visualization	4x1	0	0	1x4		8
3.	Review of Database concepts & SQL	3x1	1x2	2x3	1x4		15
4.	Database query using SQL	5x1	2x2	2x3		1x5	20
Total		21	14	12	8	15	70

Subject: Physical Education (048)							
Ch. No.	Chapter Name	MCQ 1	VSA 2	SA 3	CBS 4	LA 5	Total
1	Management of Sporting Event	3	1	1	-	1	13
2	Children & Women in Sports	3	1	1	-	1	13
3	Yoga as Preventive Measure for Life Style Disease	3	1	1	-	1	13
4	Physical Education & Sports for CWSN	3	Or 1	1	1	-	10
5	Sports and Nutrition	3	1	1	1	Or 1	12
7	Physiology & Injuries in Sports	3	1	Or 1	1	-	09
Total		18	10	15	12	15	70

Subject: Artificial Intelligence (843)					
Ch. No.	Chapter name	MCQ	SA 2 Marks	LA 4 Marks	Total
	Employability Skills				
1	Communication Skills	4	1	-	
2	Self-Management Skills	3	1	-	
3	ICT Skills	4	2	-	
5	Green Skills	1	1	-	
	Subject Specific Skills				
2.	Data Science Methodology : An Analytic Approach to capstone Project	6	2	2	
5	Introduction to Big Data and Data Analytics	6	2	2	
7	Generative AI	6	2	1	
Total Questions		30	11	5	
No. of Questions to be answered		24	7	3	
Total		24	14	12	50

Subject: Psychology (037)							
Ch. No.	Chapter name	MCQ (1)	VSA (2)	SA (3)	LA – I (4)	LA – II (6)	CBQ (3)
1	Variations in Psychological Attributes	4	2	1	1	0	1
2	Self and Personality	5	2	1	2	1	1
3	Meeting Life Challenges	3	1	1	0	1	0
7	Social Influences and Group Processes	2	1	1	1	0	0
Total		14	10	12	16	12	6