

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

Date & Day	15/09/2025 Monday	16/09/2025 Tuesday	17/09/2025 Wednesday	18/09/2025 Thursday	19/09/2025 Friday	20/09/2025 Saturday
Subject	Chemistry	AI	Physics	English	Maths / Bio	IP / PE / Psychology

Subject: English Core (301)

		Total
	Comprehension Passage	18
	Note Making	8
	Grammar (Editing Text, jumbled words)	7
	Advertisements	3
	Job Application	5
	Speech	5
	RTC Poem	3
	RTC Hornbill	3
	RTC Snapshot	4
	Short answer question (2*4) Hornbill	8
	Short answer question (2*3) Snapshot	6
	Long Answer Question Hornbill	5
	Long Answer Question Snapshot	5

SYLLABUS

Chapter Name

Portrait of the Lady, We are not afraid to die, Discovering Tut, Photograph, Laburnum Top, Voice of the rain
 Summer of the beautiful white Horse, The Address, Mother's Day,
 Note Making, Job Application, Speech, Advertisement, Grammar

INTERNAL ASSESSMENT:	ASL	20
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Subject: Physics (042) (Non-Academy)

Ch. No.	Chapter Name	MCQ	2 Marks	3 Marks	4 Marks	5 Marks	Total
1	Unit and measurements	2	1	1	1		18
2	Motion in a straight line	2	2	1			
3	Motion in a plane	3		2	1		13
4	Laws of motion	3	1	1		1	13
5	Work, Energy, Power	3	1	1		1	13
6	System of particles and rotational motion	3	1	1		1	13
Total		16	2×5	3×7	4×2	5×3	

Subject: Physics (042) (Academy)

Ch. No.	Chapter Name	Mcq	Numerical	Total
1	Unit and measurements			18
2	Motion in a straight line			
3	Motion in a plane			20
4	Laws of motion			20
5	Work, Energy, Power			12
Total		35	35	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	3	1	1	1		12
2	Structure of Atom	3		2		1	14
3	Classification of Elements & Periodicity in Properties	3	2	1	1		14
4	Chemical Bonding & Molecular Structure	4	1	1		1	14
7	Redox Reaction	3	1	2		1	16
Total		(16) 16	(5) 10	(7) 21	(2) 8	(3) 15	(33) 70

Subject: Biology (044)

Ch. No.	Chapter Name	1 Marks MCQ	2 Marks	3 Marks	Case Based	5 Marks	Total
1	The living world	2	1				4
2	Biological classification	2	1	1			7
3	Plant kingdom	2	1	1		1	12
5	Morphology of flowering plants	2	1	1		1	12
7	Structural organization in animals	2		1			5
8	Cell -The unit of life	2		1	1		8
9	Biomolecules	2		1	1		9
10	Cell cycle and cell division	2	1	1		1	13
Total		16	5	7	2	3	70

Subject: Mathematics (041)

Ch. No.	Chapter Name	MCQ (1)	VSQ (2)	SAQ (3)	LAQ (5)	CSQ (4)	Total
1)	Sets	3	1	---	---	1	9
2)	Relation and Function	3	1	1	1	---	13
3)	Trigonometry	3	1	1	1	---	13
4)	Complex Numbers	3	1	1	1	---	13
5)	Linear Inequations	2	---	1	---	1	9
6)	Permutations and Combinations	3	1	1	---	1	12
7)	Binomial Theorem	3	---	1	1	---	11
Total		20	5	6	4	3	80(38)

Subject: Informatics Practices (065)

Ch. No.	Chapter Name	1 Mark	2 Mark	3 Mark	4 Mark	5 Mark	Total
1	Computer System	2			1		6
2	Getting Started with Python	4	1	1			9
3	Python Programming Fundamentals	4	3				10
4	Conditional & Looping Constructs	5	2	1	3		19
5	Lists in Python	6	1	3	1	1	26
Total		21	7	5	5	1	70

Subject: Physical Education (048)

Ch. No.	Chapter Name	MCQ	VSA	SA	CBS	LA	Total
1	Changing Trends in Physical Education	3	2	1		1	
2	Olympic	4	1	1		1	
3	Yoga	3	1	1	1	1	
4	Children With Special Needs	4	1	2	1		
5	Physical Fitness and Wellness in Sports	4	1	1	1	1	
Total		18	$5 \times 2 =$ 10	$5 \times 3 =$ 15	$3 \times 4 =$ 12	$3 \times 5 =$ 15	70

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?	3	3	1	1	1	--
2	Methods of Enquiry in Psychological	7	1	2	2	--	1
3	Human Development	4	1	1	1	1	1
Total		14	5	4	4	2	2

Subject: Artificial Intelligence (843)

Ch. No.	Chapter Name	MCQ 1	SA 2 Marks	LA 4 Marks	Total
	Part – A Employability Skills				
1	Communication Skills III	2	1	-	
2	Self-Management Skills III	2	2	-	
3	ICT Skills – III	2	2	-	
	Total Questions	6	5	-	
	No of Questions to be answered	Any 4	Any 3	-	
	Total Marks	4	6	-	10
	Part - B Subject Specific Skills	1 Mark	2 Marks	4 Marks	
1	Introductions to AI	6	1	1	
2	Domains of AI	6	2	2	
3	Career in AI	6	2	1	
14	AI Ethics and Value	6	1	1	
	Total Questions	24	6	5	
	No of Questions to be answered	20	Any 4	Any 3	40
	Total Marks	20	8	12	50