

Syllabus & Blueprint
II Term Examination: 2024 25
Class-XII (Science)

Date & Day	23/12/2024 Monday	24/12/2024 Tuesday	26/12/2024 Thursday	27/12/2024 Friday	28/12/2024 Saturday
Subject	Physics	English	Chemistry	IP / PE / Psycho	Maths / Bio

Subject: English Core (301)

	Total
<u>SECTION – A:</u> Reading Skills-	22
<u>SECTION – B:</u> Writing Skills	18
<u>SECTION – C:</u> Literature (Flamingo & Vistas)	20
<u>INTERNAL ASSESSMENT:</u>	20

SYLLABUS

Reading Unseen passages	Writing Notice Invitation and reply Letter to editor and job application Article and report	Literature Flamingo Indigo Poets and pancakes The Interview Going Places Poetry Roadside stand Aunt Jennifer's tigers Vistas The Enemy On the face of it Memories of the childhood
<u>INTERNAL ASSESSMENT:</u>	ASL	

Subject: Physics (042)

Chapter No.	Chapter Name	1 Marks	2 Marks	3 Marks	Case Based	5 Marks	Total
4	Moving charges and magnetism	2	1	1			7
6	Electromagnetic induction	1	1	1			6
7	Alternating current	1		1		1	9
8	Electromagnetic waves	3		1			6
9	Ray optics	2			1	1	15
10	Wave optics	1		1			
12	Atoms	2	1	1			7
13	Nuclei	3	1	1			8
14	Semiconductor electronics	1	1		1	1	12
Total		16	10	21	8	15	70

Subject: Chemistry (043)

Chapter No.	Chapter Name	1 Mark	2 Marks	3 Marks	Case based	5 Marks	Total
1	Solution	2	1	1			7
2	Electrochemistry	2	1	1			7

3	Chemical Kinetics	2		1		1	10
6	Haloalkanes & Haloarenes	2	1		1		8
7	Alcohols, Phenols & Ethers	2	2	1			9
8	Aldehydes, Ketones & Carboxylic acids	2		1		1	10
9	Amines	2		1		1	10
10	Biomolecules	2		1	1		9
Total		16(16)	5(10)	7(21)	2(8)	3(15)	70

Subject: Biology (044)

Chapter No.	Chapter Name	1 Marks	2 Marks	3 Marks	Case Based	5 Marks	Total
6	Evolution	2		1			5
7	Human health and disease	2	1	1			7
8	Microbes in human welfare	2	1	1	1		11
9	Biotechnology :principles and process	2	1	1		1	12
10	Biotechnology and its application	2		1			5
11	Organisms and population	2		1		1	10
12	Ecosystem	2	1	1	1		11
13	Biodiversity and conservation	2	1			1	9
Total		16 × 1	2 × 5	3 × 7	2 × 4	3 × 5	70

Subject: Mathematics (041)

Chapter No.	Chapter Name	MCQs	SA-1	SA-2	LA	Case Study	Total
7	Integration	3	1	1	2	--	18
8	Application of Integration	3	--		1	--	8
9	Differential Equations	3	1	1		1	12
10	Vectors	3	1	1		1	12
11	3 D Geometry	3	1	1	1		13
12	Linear Programming	2	--	1	--	--	5
13	Probability	3	1	1		1	12
Total		20 × 1	5 × 2	6 × 3	4 × 5	3 × 4	80

Subject: Informatics Practices (065)

Chapter No.	Chapter Name	1 Mark	2 Marks	3 Marks	4 Marks	5 Marks	Total
1, 2	Data Handling using Pandas and Data visualization	9	2	1	1	2	30
4	Database Query using SQL	9	3	2	1	1	30
6	Societal Impacts	3	2	1	-	-	10
Total		21	14	12	8	15	70

Subject: Physical Education (048)

Chapter No.	Chapter Name	1 Mark	2 Marks	3 Marks	4 Marks	5 Marks	Total
1	Management of sporting event	3	1	1	-	-	8
7	Physiology and Injuries in Sports	3	1	1	1	1	17
8	Biomechanics & Sports	4	1	1	1	-	13
9	Psychology and Sports	4	1	1	1	1	18
10	Training in Sports	4	1	1	-	1	14
Total		18	10	15	12	15	70

Subject: Psychology (037)

Units No.	Chapter Name	1 Mark	2 Marks	3 Marks	4 Marks	6 Marks	Total
1	Variations in psychological attributes	1	1	-	2	-	11
2	Self and Personality	2	1	1	-	1	13
3	Meeting life challenges	4	2	-	-	-	8
4	Psychological disorders	3	-	1	-	1	12
5	Therapeutic approaches	2	-	1	1	-	9
6	Attitude and social cognition	1	-		4	-	6
7	Social influence and group process	1	2	1		-	11
Total		14	12	12	20	12	70