



DRONACHARYA

SR. SEC. SCHOOL MUBARIKPUR (JH)

AFFILIATED TO CBSE NEW DELHI, Aff No. 530945 |

Date Sheet, Syllabus & Blueprint of Term-1 (2025-26) Class- XI(Science)

Date/Sub	Syllabus
06-09-2025 Chemistry	<ol style="list-style-type: none"> 1. Some basic concept of chemistry 2. Structure of atom 3. Periodic classification 4. Thermodynamics 5. Chemical bonding and molecular structure
08-09-2025 English	<p>Reading skills:</p> <ol style="list-style-type: none"> 1. Unseen passages for comprehension 2. Note Making and summarising <p>Grammar and writing skills</p> <ol style="list-style-type: none"> 1. Tenses 2. Rearranging words to make meaningful sentences 3. Poster Making 4. Classified advertisements <p>Literature</p> <p>Hornbill (Poetry)</p> <ol style="list-style-type: none"> 1. A Photograph 2. Laburnum Top 3. Voice of the Rain <p>Hornbill (Prose)</p> <ol style="list-style-type: none"> 1. Portrait of a lady 2. We're not afraid to die... 3. Discovering Tut : The saga continues <p>Snapshots</p> <ol style="list-style-type: none"> 1. Summer of the beautiful white horse 2. The Address 3. Mother's Day
10-09-2025 Physics	<ol style="list-style-type: none"> 1. Unit and measurement 2. Motion in a straight line. 3. Motion in a plane 4. Newton's laws of motion 5. Work energy and power

	6. System of particles and rotational motion
11-09-2025 Music	<p>Brief study of the following:Nada, Shruti, Swar, Saptak, Thaata, Jati, Laya, Tala</p> <p>Margi- Desi Sangeet, Raga,</p> <p>Dhrupad, Khayal andTarana 06</p> <p>Brief study of Musical Elements in Natya Shastra 06</p> <p>Life sketch and contribution of Tansen, V.N. Bhattachande and V.D.Paluskar</p>
12-09-2025 Physical Education	<p>Unit 1st = Changing Trends and Career in Physical Education</p> <p>Unit - 2nd Olympism/ Olympic Value Education</p> <p>Unit - 3rd Yoga</p>
15-09-2025 Maths/Bio	<p><u>Biology:</u></p> <ol style="list-style-type: none"> 1. Cell: The Unit of Life 2. Cell Cycle and Cell Division 3. Biomolecules 4. Morphology of flowering Plants 5. Anatomy of Flowering Plants 6. Structural Organisation in Animals <p><u>Maths:</u></p> <p>Unit 1: Sets and Functions</p> <ul style="list-style-type: none"> · Sets · Relations and Functions · Trigonometric Functions <p>Unit 2: Algebra</p> <ul style="list-style-type: none"> · Complex Numbers and Quadratic Equations · Linear Inequalities · Permutations and Combinations · Binomial Theorem

Subject: English (Blue Print)

I. Weightage to Cognitive Levels (Bloom's Taxonomy)

Cognitive Levels	Weightage %	Marks
Remembering/ Understanding(R+U)	33.7%	27
Applying	18.7%	15
Analyzing/Evalating/ (A/E/C)	47.5%	38
Total	100%	80

II.Question Paper Design

Type of Questions	No. of Questions	Marks per Question	Total Marks
MCQs	22	1	22
Very Short Answer (VSA)	9 -	1	09
Short Answer (SA)	6	2	12
Long Answer (LA)	4	5	20
Case-Based Question	4	4+4+4+5	17
Total			80

III. Unit Wise Weightage for Term -1 (As per syllabus Covered)

Unit	Marks	R+U	Applying	A/E/C
Reading Skills	27	15	6	6
Grammar and Creative Writing	19	-	9	10
Literature	34	12	-	22

Subject: Maths Blueprint

Unit-wise Marks Distribution

Unit	Marks
Sets and Functions	46
Algebra	44
Total	80

Question Paper Structure

Type of Questions	No. of Questions	Marks per Question	Total Marks
Multiple Choice Questions (MCQ)	18	1	18
Assertion & Reason	2	1	2
Very Short Answer (VSA)	5	2	10
Short Answer (SA)	6	3	18
Long Answer (LA)	4	5	20
Case Based Questions	3	4	12
Total	38 Questions		80 Marks

Distribution Across Question Types

Cognitive Level	MCQ (1 Mark)	VSA (2 Marks)	SA (3 Marks)	LA (5 Marks)	Case Study (4 Marks)	Total Marks
Remembering & Understanding (44)	10	3	3	2	1	44
Applying (20)	6	1	2	1	1	20
Analyzing/Evaluating/Creating (16)	4	1	1	1	1	16

Subject: Chemistry (Blue Print)

I. Weightage to Cognitive Levels (Bloom's Taxonomy)

Cognitive Levels	Weightage %	Marks
Remembering/ Understanding	40%	28
Applying	30%	21
Analyzing/Evaluating/ Creating?(A/E/C?)	30%	21
Total	100%	70

II. Question Paper Design

Type of Questions	No. of Questions	Marks per Question	Total Marks
MCQs	12	01	12
Assertion & Reason	04	01	04
Very Short Answer (VSA)	05	02	10
Short Answer (SA)	07	03	21
Long Answer (LA)	03	05	15
Case-Based Question	02	04	08
Total	33		70

III. Unit Wise Weightage for Term -1 (As per syllabus Covered)

Unit	Marks	R+U	Applying	A/E/C
Some basic concept of chemistry	15	5	6	4
Structure of atom	15	5	4	6
Periodic classification	15	8	4	3
Thermodynamics	15	5	4	6
Chemical bonding and molecular structure	10	5	3	2

Subject: Physics (Blue Print)

(I) Weightage to Cognitive Levels (Bloom's Taxonomy)

Cognitive Levels	Weightage %	Marks
Remembering/ Understanding	40%	28
Applying	30%	21
Analyzing/Evalating/ Creating?(A/E/C?)	30%	21
Total	100%	70

(II). Question Paper Design: Physics

Type of Questions	No. of Questions	Marks per Question	Total Marks
MCQs	12	1	12
Assertion & Reason	04	1	04
Short Answer (SA-I)	05	2	10
Short Answer (SA-II)	07	3	21
Long Answer (LA)	03	5	15
Case-Based Question	02	4	08
Total	33		70

(III) Unit Wise Weightage for Term -1 (As per syllabus Covered)

Unit	Marks	R+U	Applying	A/E/C
Unit and measurement	08	04	02	02
Motion in a straight line	10	04	03	03
Motion in a plane	12	04	03	05
Newton's law of motion	14	05	05	04
Work Energy and Power	15	06	05	04
System of particles and Rotational motion	11	05	03	03
Total marks	70	28	21	21

Subject: Biology (Blue Print)**I. Weightage to Cognitive Levels (Bloom's Taxonomy)**

Cognitive Levels	Weightage %	Marks
Remembering/ Understanding	50%	35
Applying	30%	21
Analyzing/Evalating/ Creating?(A/E/C?)	20%	14
Total	100%	70

II. Question Paper Design

Type of Questions	No. of Questions	Marks per Question	Total Marks
MCQs	12	1	12
Assertion & Reason	04	1	04
Very Short Answer (VSA)	05	2	10
Short Answer (SA)	07	3	21
Long Answer (LA)	03	5	15
Case-Based Question	02	4	08
Total	33		70

(III) Unit Wise Weightage for Term -1 (As per syllabus Covered)

Unit	Marks	R+U	Applying	A/E/C
Cell: The Unit of Life	11	05	03	03
Cell Cycle and Cell Division	12	05	04	03
Biomolecules	14	07	05	02
Morphology of Flowering Plants	15	08	05	02
Anatomy of Flowering Plants	10	05	03	02
Structural Organisation in Animals	08	05	01	02
Total marks	70	35	21	14

Subject: Music (Blue Print)

I. Weightage to Cognitive Levels (Bloom's Taxonomy)

Cognitive Levels	Weightage %	Marks
Remembering/ Understanding	26.6%	8
Applying	33.3%	10
Analyzing/Evalating/ Creating?(A/E/C?)	40%	12
Total	100%	30

II. Question Paper Design

Type of Questions	No. of Questions	Marks per Question	Total Marks
MCQs	8	1	8
Very Short Answer (VSA)	5	2	10
Long Answer (LA)	2	3	12
Total			30

III. Unit Wise Weightage for Term -1 (As per syllabus Covered)

Unit	Marks	R+U	Applying	A/E /C
Nada, Shruti, Swar, Saptak, Thaata, Jati, Laya, Tala	4	2	1	
Margi- Desi Sangeet,	4	2		
Dhrupad, Khayal and Tarana	10	2	1	
Musical Elements in Natya Shastra	6	1	1	1
Life sketch and contribution of Tansen, V.N. Bhattachande and V.D. Paluskar	6	2	1	1

Subject: Physical Education (Blue Print)

I. Weightage to Cognitive Levels (Bloom's Taxonomy)

Cognitive Levels	Weightage %	Marks
Remembering/ Understanding	37.15	26
Applying	30	21
Analyzing/Evaluating/ Creating?(A/E/C?)	32.85	23
Total	100%	70

II. Question Paper Design

Type of Questions	No. of Questions	Marks per Question	Total Marks
MCQs	20	1	20
Short Answer (SA)	10	3	30
Long Answer (LA)	4	5	20
Total	34		70

III. Unit Wise Weightage for Term -1 (As per syllabus Covered)

Unit	Marks	R+U	Applying	A/E/C
Changing Trends and Career in Physical Education	26			37.15
Olympism/ Olympic Value Education	21			30
Yoga	23			32.85
	70			100%