



M.D.DAYANAND MODEL SCHOOL NAKODAR
BLUE PRINT FOR SEPT. EXAM OF CLASS 11THSCIENCE (2023-24)

Mathematics

S.No	Chapter's Name	1 Mark	2 Marks	3 Marks	5 Marks	4 Marks (casebased)	Total
01	Sets	02	01	01		01	11
02	Relation and functions	02+AR	–	01	–	–	06
03	Trigonometric functions	02	–	01	1+ choice	–	10
04	Complex number & Quadratic equation	02	01	01	–	–	07
05	Linear inequalities	02	–	01	–	01	09
06	Permutation and combination	02	–	01	–	01	09
07	Binomial theorem	2	01	–	01	–	09
08	Three dimensional geometry	2+AR	01		01		10
09	Probability	02	01		1		09
Total		20	10	18	20	12	80

ENGLISH CORE (Code No. 301)

Section A

Reading Skills

I Reading Comprehension through Unseen Passages (10+8=18 Marks)

1. One unseen passage to assess comprehension, interpretation, analysis, inference and vocabulary. The passage may be factual, descriptive or literary.
2. One unseen **case-based factual** passage with verbal/visual inputs like statistical data, charts etc.
3. Note Making and Summarization based on a passage of approximately 200-250 words. **(8 Marks)**

Section B – 23 Marks

(Grammar and Creative Writing Skills)

II Grammar

7 Marks

4. Questions on Gap filling (Tenses, Clauses)
5. Questions on re-ordering/transformation of sentences

III Creative Writing Skills

16 Marks

Classified Advertisements	3
Poster	3
Speech	5
Debate	5

Section C – 31 Marks

Literature Text Book and Supplementary Reading Text

10. One Poetry extract out of two, from the book **Hornbill**, (3x1=3 Marks)
 11. One Prose extract out of two, from the book **Hornbill** (3x1=3 Marks)
 12. One prose extract out of two, from the book **Snapshots**. (4x1=4 Marks)
 13. Two Short answer type questions (one from Prose and one from Poetry, from the book **Hornbill**), out of four. (3x2=6 Marks)
 14. One Short answer type question, from the book **Snapshots**. (3x1=3 Marks)
 15. One Long answer type question, from **Prose/Poetry of Hornbill**. (1x6=6 Marks)
 16. One Long answer type question, from the book **Snapshots**. (1x6=6 Marks)

PHYSICAL EDUCATION

Name	1 Mark	2 Mark	3 Mark	4 Mark(CS)	5 Mark	Total
Unit-1 Changing Trends and Career in Physical Education	4	1	1		1	14
Unit-2 Olympism	5	1	1	1		14
Unit-3 Yoga	4	1	1	1		13
Unit-5 Physical fitness, health and wellness	1	1	1	1	1	15
Unit-6 Test, Measurement and evaluation	4	1	1		1	14
	18	5	5	3	3	70

INFORMATICS PRACTICES TOTAL 70 MARKS

Name Of Unit	Objective Type Ques. 1 Marks	Very Short Type Ques. 2 Marks	Short Type Ques 3 Marks	Long Type Ques. 4 Marks	Long Type Ques. 5 Marks	Total Marks
Unit 1: Introduction to Computer System	6	3	2	1	1	27
Unit 2: Introduction to Python Till List	6	2	1		1	18
Unit 3: Database concepts and the Structured Query Language	6	2	2	1	1	25
Total No. of Ques.	18	7	5	2	3	70

Section A has 18 questions carrying 01 mark each.

Section B has 07 Very Short Answer type questions carrying 02 marks each.

Section C has 05 Short Answer type questions carrying 03 marks each.

Section D has 02 questions carrying 04 marks each.

Section E has 03 questions carrying 05 marks each

BIOLOGY

CHAPTER	MCQ (1MARK)	A-R (1MARK)	2 MARK	3MARK	CASE BASED (4 MARK)	5 MARK	TOTAL MARKS
THE LIVING WORLD	1			1			4
BIOLOGICAL CLASSIFICATION	1			1			4
STRUCTURAL ORGANISATION	1					1	6
CELL- UNIT OF LIFE	2	1	1		1		9
BIOMOLECULES	2	1	1	1	1		12
CELL CYCLE AND CELL DIVISION	2	1	1	1		1	13
PHOTOSYNTHESIS	2	1	1	2		1	16
BREATHING AND EXCHANGE	1		1	1			6
	12	4	5	7	2	3	

TOTAL QUESTIONS: 33

Total marks: 70

CHEMISTRY

CHAPTER	MCQ (1MARK)	A-R (1MARK)	2 MARK	3MARK	CASE BASED (4 MARK)	5 MARK	TOTAL MARKS
SOME BASIC CONCEPTS OF CHEMISTRY	2	1	1	1	1	1	17
STRUCTURE OF ATOM	2	1	1	1		1	13
CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES	2	1	1	1			8
CHEMICAL BONDING	2	1	1	2	1	1	20
CHEMICAL THERMODYNAMICS	2		1	1			7
REDOX REACTIONS	2			1			5
	12	4	5	7	2	3	

TOTAL QUESTIONS: 33

Total marks: 70

PHYSICS

	Maximum Marks: 70							
	Chapter	1M (MCQ)	1M (AR)	2 Mark	3 Mark	4 Mark (CS)	5 Mark	Total Mark
1	Units and Measurements	2		1	1		1	12
2	Motion in a Straight Line	2	1		2	1		13
3	Motion in a Plane	2	1	1	1		1	13
4	Laws of Motion	2	1	1	1	1		12
5	Work Power and Energy	2	1	1	1		1	13
6	System of Particles and Rotational Motion	2		1	1			7
		12	4	5	7	2	3	70

TOTAL QUESTION: 33

MAXIMUM MARKS: 70

Section A: 1 Mark (Multiple Type Questions) **(16 Marks)**

- 12 Question: MCQ Type (12 x 1 Mark = 12 Marks)
- 4 Question- Assertion Reason Type (4 x 1 Mark = 4 Marks)

Section B: 2 Mark (Very Short Type Question) **(10 Marks)**

- 5 Questions of 2 Marks (5 x 2 Mark = 10 Mark)

Section C: 3 Mark (Short Answer Type Question) **(21 Marks)**

- 7 Questions of 3 Marks (7 x 3 Mark = 21 Marks)

Section D: 4 Mark (Case Based/Source Based Questions) **(8 Marks)**

- 2 Questions of 4 Marks (2 x 4 Mark = 8 Marks)

Section E: 5 Mark (Long Answer Type Question) **(15 Marks)**

- 3 Questions of 5 Marks (3 x 5 Mark = 15 Marks)

SECTION A = 16 MARKS

SECTION B = 10 MARKS

SECTION C = 21 MARKS

SECTION D = 8 MARKS

SECTION E = 15 MARKS

TOTAL = 70 MARKS

SYLLABUS FOR HALF YEARLY EXAMINATION

SESSION: 2023-24

CLASS: XI Sci.

PHYSICS

Ch-2 Units and Measurements

Ch-3 Motion in a Straight Line

Ch- 4 Motion in a Plane

Ch- 5 Laws of Motion

Ch- 6 Work Power Energy

Ch- 7 System of Particles and Rotational Motion

CHEMISTRY

Ch-1 Some Basic Concepts of Chemistry

Ch- 2 Structure of Atom

Ch- 3 Classification of Elements and Periodicity in Properties

Ch- 4 Chemical Bonding and Molecular Structure

Ch- 5 Chemical Thermodynamics

Ch- 7 Redox Reactions

BIOLOGY

Ch- 1 The living World

Ch- 2 Biological Classification

Ch- 7 Structural Organization in Animals

Ch- 8 Cell: The Unit of Life

Ch- 9 Biomolecules

Ch- 10 Cell Cycle and Cell Division

Ch- 13 Photosynthesis

Ch- 17 Breathing and Exchange of Gases

MATHEMATICS

Ch-1 Sets

Ch- 2 Relation and Functions

Ch- 3 Trigonometric Functions

Ch- 4 Complex Numbers and Quadratic Equations

Ch- 5 Linear Inequalities

Ch- 6 Permutations and Combinations

Ch- 7 Binomial Theorem

Ch- 11 Three Dimensional Geometry

Ch- 14 Probability

PHYSICAL EDUCATION

Ch- 1 Changing Trends and Career in Physical Education

Ch- 2 Olympism Value Education

Ch- 3 Yoga

Ch- 4 Physical Fitness, Health and Wellness

Ch- 5 Test measurements and Evaluation

ENGLISH

1. The Portrait of a Lady

2. A Photograph (Poem)

3. "We 're Not Afraid to Die... if We Can All Be Together"

4. The Laburnum Top (Poem)

5. The Summer of the Beautiful White Horse

6. Discovering Tut: The Saga Continues

7. The Voice of the Rain (Poem)

8. The Address
9. The tail of Melon City
10. Childhood (Poem)

GRAMMAR

1. Tenses
2. Modals
3. Re-ordering/Transformation of Sentences

CREATIVE WRITING SKILLS

1. Note - Making
2. Classified Advertisement
3. Speech Writing
4. Poster
5. Debate

INFORMATICS PRACTICES

Unit 1 Introduction to Computer System

Unit 2 Introduction to Python – till lists:list operation

Unit 3 Database Concepts and the Structured Query Language