ENGLISH (301)

1. **Flamingo:**

(Prose)
- The Last Lesson
- Lost Spring
- Deep Water
- The Rattrap
- Indigo
- Poets and Pancakes
- The Interview
- Going Places

(Poetry)
- My Mother at Sixty-Six
- Keeping Quiet
- A Thing of Beauty
- A Roadside Stand
- Aunt Jennifer's Tigers

2. **Vistas:**
- The Third Level
- The Tiger King
- Journey to the end of the Earth
- The Enemy
- On the Face of It
- Memories of Childhood
  - The Cutting of My Long Hair
  - We Too are Human Beings

MARKING SCHEME
Section - A Reading Skills

I. Reading Comprehension through Unseen Passage (22 Marks)

1. One unseen passage to assess comprehension, interpretation and inference. Vocabulary and inference of meaning will also be assessed. The passage may be factual, descriptive or literary. **(12x1=12Marks)**

2. One unseen **case-based** passage with verbal/visual inputs like statistical data, charts etc. **(10x1=10 Marks)**

Note: The combined word limit for both the passages will be 700-750 words. Multiple Choice Questions / Objective Type Questions will be asked.

Section – B (18 Marks)

II. Creative Writing Skills:

The section has Short and Long writing tasks.

3. Notice up to 50 words. One out of the two given questions to be answered. **(4 Marks)**.
4. Formal/Informal Invitation and Reply up to 50 words. One out of the two given questions to be answered. **(4 Marks)**.
5. Letters based on verbal/visual input, to be answered in approximately 120-150

words. Letter types include application for a job with bio data or resume. Letters to the editor (giving suggestions or opinion on issues of public interest). One out of the two given questions to be answered .
(5 Marks).

6. Article/ Report Writing, descriptive and analytical in nature, based on verbal inputs, to be answered in 120-150 words. One out of the two given questions to be .
(5 Marks).

III. Section - C (40 Marks)

This section will have variety of assessment items including Multiple Choice Questions, Objective Type Questions, Short Answer Type Questions and Long Answer Type Questions to assess comprehension, analysis, interpretation and extrapolation beyond the text.

Reference to the Context

7. One Poetry extract out of two from the book **Flamingo** to assess comprehension, interpretation, analysis and appreciation. **(6x1=6 Marks)**

8. One Prose extract out of two from the book **Vistas** to assess comprehension, interpretation, analysis and appreciation. **(4x1=4 Marks)**

9. One prose extract out of two from the book **Flamingo** to assess comprehension, interpretation and analysis. **(6x1=6Marks)**

10. Short answer type question **(from Prose and Poetry from the book Flamingo)**, to be answered in 40-50 words. Questions should elicit inferential responses through critical thinking. Five questions out of the six given are to be answered.
(5x2=10 Marks)

11. Short answer type question, from **Prose (Vistas)**, to be answered in 40- 50 words. Questions should elicit inferential responses through critical thinking. Any 2 out of 3 questions to be done. **(2x2=4 Marks)**

12. One Long answer type question, from **Prose/Poetry (Flamingo)**, to be answered in 120-150 words. Questions can be based on incident / theme / passage / extract / event as reference points to assess extrapolation beyond and across the text. The question will elicit analytical and evaluative response from student. Any 1 out of 2 questions to be done.
(1x5=5 Marks)

13. One Long answer type question, based on the chapters from the book **Vistas**, to be answered in 120-150 words to assess global comprehension and extrapolation beyond the text. Questions to provide evaluative and analytical responses using incidents, events, themes as reference points. Any 1 out of 2 questions to be done. **(1x5=5 Marks)**

INTERNAL ASSESSMENT:

Assessment of Listening Skills - 05 marks.
Assessment of Speaking Skills – 05 Marks
Project Work- 10 Marks

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* All chapters and Writing Compositions done in Term I will also be included for the Final Examination.

MATHS (041)

MONTH	CHAPTER	TOPIC
OCTOBER	9	Differential Equations
	10	Vector Algebra
NOVEMBER	11	Three Dimensional Geometry
	13	Probability

Format and Marks Distribution:

Unit Test: 20 marks
Final Examination :   80 marks

Unit Test(20 marks)

S. No	Type	Total Marks
1	Very Short Answer Type Question	5 x 1= 5 marks
2	Short Answer Type Question	5x 3 =15 marks

Marking scheme of Final Examination (80 Marks)

SECTION	TYPE	NO. OF QUESTIONS	MARKS PER QUESTION	TOTAL MARKS
A	MCQs.	20	20	20
B	Very Short Answer Type Question	5	2	10
C	Short Answer Type Question	6	3	18
D	Long Answer Type Question	4	5	20
E	Case Study	3	4	12

*All chapters done in Term I will also be included for the Final Examination
INTERNAL ASSESSMENT   20 Marks

Periodic Tests (Best 2 out of 3 tests conducted)   10 Marks
Mathematics Activities   10 Marks
Including Lab Manual & Practical}

CHEMISTRY(043)

Theory Work:

Month	Unit No	Chapter
October	**6**	Haloalkanes and Haloarenes
	7	Alcohols, Phenols and Ethers
	8	Aldehydes, Ketones and Carboxylic Acids
November	**9**	Amines
	10	Bio-molecules
		Revision work

Practical Work:(Maximum Marks:30)
*Salt Analysis: **Acidic and Basic Radicals**
*Content Based Experiment: **Tests of Functional Groups in organic compounds**

Format of Question Paper for Unit Test : 20 Marks
        There are 07 questions in the question paper.
   (i)   SECTION -A consists of 3 very short answer questions carrying 2 marks each.
   (ii)   SECTION -B consists of 3 short answer questions carrying 3 marks each.
   (iii)   SECTION -C consists of 1 long answer questions carrying 5 marks.

Format of Question Paper for Examination: 70 Marks
        There are 33 questions in the question paper with internal choice.
(i)   SECTION -A consists of 16 objective questions carrying 1 mark each.
(ii)   SECTION -B consists of 5 very short answer questions carrying 2 marks each.
(iii)   SECTION -C consists of 7 short answer questions carrying 3 marks each.
(iv)   SECTION -D consists of 2 case-based questions carrying 4 marks each.
(v)   SECTION -E consists of 3 long answer questions carrying 5 marks each.

Practical

Evaluation Scheme for Examination	Marks
Volumetric Analysis	8
Salt Analysis	8
Content Based Experiment	6
Project Work	4
Class Record & Viva	4
Total	30

Note: Subject to changes as per CBSE instructions.

BIOLOGY (044)

Theory
   1. Chapter-8: Human Health and Diseases.
   2. Chapter-9: Microbes in Human Welfare.
   3. Chapter-10: Biotechnology-Principles and Processes.
   4. Chapter-11: Applications of Biotechnology.
   5. Chapter-13: Organisms and Populations.
   6. Chapter-14: Ecosystem.
   7. Chapter-15: Biodiversity and its Conservation.

Practicals
A. List of Experiments
   1. Study the plant population density by quadrat method.
   2. Study the plant population frequency by quadrat method.
   3. Prepare a temporary mount of onion root tip to study mitosis.

B. Study and observer the following (Spotting):
   1. Meiosis in onion bud cell or grasshopper testis through permanent slides.
   2. Common disease causing organisms like *Ascaris, Entamoeba, Plasmodium*, any fungus causing ringworm through permanent slides, models or virtual images or specimens. Comment on symptoms of diseases that they cause.
   3. Models specimen showing symbolic association in root modules of leguminous plants, *Cuscuta* on host, lichens.

NOTE: All the Chapters and Practicals covered in Term-I will also be included for the Final Examination.

NOTE: All the Chapters and Practicals covered in Term-I will also be included for the Final Examination.

Unit Test

TYPE OF QUESTION	No. of Qs	Marks for each Qs	Total Marks
Objective Based Items	2	1	2
Very Short Answer	2	2	4
Short Answer	3	3	9
Long Answer	1	5	5
Grand Total	7		20

Typology of Questions: Theory (70 Marks)

Competency Based Questions would be minimum 30% These can be in the form of Multiple Choice Questions, Case based Questions, Source based Integrated Questions or any other types.
• Objective Type Questions will be 20% • Remaining 50% Short Answer/Long Answer Questions

Practical Evaluation Scheme
• One Major Experiment (Part A)   5 Marks
• One Minor Experiment (Part A)   4 Marks
• Slide Preparation (Part A)   5 Marks
• Spotting (Part B)   7 Marks
• Practical Record + Viva Voce   4 Marks
• Project Record + Viva Voce   5 Marks

PHYSICS (042)

October: Chapter–9: Ray Optics and Optical Instruments
                              Chapter–10: Wave Optics
                              Chapter–11: Dual Nature of Radiation and Matter
November: Chapter–12: Atoms
                              Chapter–13: Nuclei
                              Chapter–14: Semiconductor -Electronics: Materials, Devices and Simple Circuits
                              Revision for Final Examination

UNIT TEST

TYPE OF QUESTION	No. of Qs	Marks for each Qs	Total Marks
Very Short Answer	3	2	6
Short Answer	3	3	9
Long Answer	1	5	5
Grand Total	7		20

Typology of Questions: Theory (70 Marks)
Competency Based Questions would be minimum 30% These can be in the form of Multiple Choice Questions, Case based Questions, Source based Integrated Questions or any other types.
• Objective Type Questions will be 20% • Remaining 50% Short Answer/Long Answer Questions
Note:
*All chapters done in Term I shall also be included for the final examination
* Subject to changes as per CBSE instructions

Practical Evaluation Scheme

Two experiments one from each section	7+7
Practical record (experiment and activities)	5
One activity	3
Investigatory Project	3
Viva on experiments, activities and project	5
Total	30

INFORMATICS PRACTICES (065)

Marks Distribution :-
Theory   :   70 Marks
Practical   :   30 Marks
Total   :- 100 Marks

October   Unit 2 – Lesson-4 Database Query using SQL
                        Revision of Database Concepts and SQL Commands covered in Class 11
Math functions: POWER (), ROUND (), MOD ( ). Text functions: UCASE ( )/UPPER ( ),
LCASE ( )/LOWER ( ), MID ()/SUBSTRING ()/SUBSTR ( ), LENGTH (), LEFT ( ), RIGHT
(), INSTR (), LTRIM (), RTRIM (), TRIM ().
 Date Functions: NOW ( ), DATE (), MONTH (), MONTHNAME ( ), YEAR (), DAY ( ),
DAYNAME (). Aggregate Functions: MAX ( ), MIN (), AVG (), SUM ( ), COUNT (); using
COUNT (*). Querying and manipulating data using Group by, Having, Order by ,
Working with two tables using equi-Join

November   Unit 3-- Introduction to Computer Networks
Unit 3-- Introduction to Computer Networks

    Introduction to networks, Types of network: PAN, LAN, MAN,WAN. Network Devices:
    modem, hub, switch, repeater, router, gateway .
    Network Topologies: Star, Bus, Tree, Mesh.
    Introduction to Internet, URL, WWW, and its applications- Web, email, Chat, VoIP.
    Website: Introduction, difference between a website and webpage, static vs dynamic web
    page, web server and hosting of a website.
    Web Browsers: Introduction, commonly used browsers, browser settings, add-ons and
    plug-ins, cookies.

December   Revision and Pre-board Examination
January   Revision for Board Exams
February   Final Practicals of CBSE Board Exams
March   Final Examination

** Syllabus covered in Term-1 will be also included in the Annual Examination of CBSE *
Practical Marks Distribution

S. No.	Unit Name	Marks
1	Programs using Pandas and Matplotlib	8
2	SQL Queries	7
3	Practical file (minimum of 15 programs based on Pandas, 4 based on Matplotlib and 15 SQL queries must be included)	5
4	Project Work (using concepts learned in class XI and XII)	5
5	Viva-Voce	5
	TOTAL	30

<u>Final Examination : (Theory Paper)</u>

Unit 1 (Data Handling using Pandas-I

and Data Visulization   )   - 25 Marks

Unit 2 Database Query using SQL   - 25 Marks

Unit 3 Introduction to Computer Networks- 10 Marks

Unit 4 Societal Impact   - 10 Marks

<u>Marks Distribution – Theory Paper (70 Marks)</u>

Section-A Q1 to Q21 (M.C.Q's)   ---   1 x21 = 21 Marks

Section-B Q22 to Q28 (Short Answer Type Questions) ---   2 x 7 = 14 Marks

Section-C Q29 to Q32 (Short Answer Type Questions) ---   3 x 4 = 12 Marks

Section-D Q33 and Q 34 (Case Study)   ---   4 x 2 =   8 Marks

Section-E Q35 to Q37 (Ling Answer Type Questions) ---   5 x 3 =   15 Marks

Total   ---   70 Marks

PHYSICAL EDUCATION (048)

Theory :   70 Marks

Practical : 30 Marks

October :   Unit 8:Fundamentals of Kinesiology and Biomechanics in Sports

November: Unit 9: Psychology and Sports

Unit 10: Training and in Sports

<u>Unit Test Marks Distribution (M.M.20)</u>

One-mark questions: 1x6=6

Very short Answer questions: 2x3=6

Short Answer question: 3x1=3

Long Answer questions: 5x1=5

Annual Marking Scheme –

1) The question paper consists of 5 sections and 37 Questions.

2) Section A consists of questions 1-18 carrying 1 mark each and is multiple choice questions.
   All   questions are compulsory.

3) Section B consists of questions 19-23 carrying 2 marks each.

4) Sections C consist of questions 24-28 carrying 3 marks each.

5) Section D consists of questions 29-31 carrying 4 marks each.

6) Section E consists of questions 32-34 carrying 5 marks each.

  * All chapters done in Term I will also be included for the Final Examination.

Month-Wise Themes for the Display Boards- Senior Wing (Classes IX – XII) (Session 2024-25)

Month	Theme
April	Conservation of Nature
May	Dignity of Labour
July	Value of Tolerance and Democracy
August	Health and Physical Fitness
September	Women Empowerment
October	Communal Harmony & Equality
November	Wild Life: Our Special Friends
December	Christmas – A Time of Thanksgiving, Joy & Benevolence / Importance of Forgiveness
January, 2025	Climate Changes & Its Impact
February, 2025	Skill Based Education & Globalization
March, 2025	Subject Streams & Career Options

Unit Tests' Schedule (Term-II, 2024-25) [Class XII]

Date	STREAM		
	SCIENCE	COMMERCE	HUMANITIES
	UNIT TEST – 3		
07-11-2024	PHYSICAL EDUCATION	PHYSICAL EDUCATION	PHYSICAL EDUCATION / PSYCHOLOGY
11-11-2024	CHEMISTRY	ACCOUNTANCY	POLITICAL SCIENCE / HOME SCIENCE
14-11-2024	ENGLISH	ENGLISH	ENGLISH
18-11-2024	MATHS / BIOLOGY	MATHS	MATHS / ARTIFICIAL INTELLIGENCE
21-11-2024	I.P.	I.P.	I.P.
26-11-2024	PHYSICS	BUSINESS STUDIES	HISTORY / PAINTING
28-11-2024	------------------	ECONOMICS	ECONOMICS / GEOGRAPHY