

2024/2025 SYLLABUS DISTRIBUTION



SUBJECT: BIOLOGY (9700)

GRADE: 11

Term 2

6. Nucleic Acids & Protein Synthesis
7. Transport in Plants
8. Transport in Mammals
9. Gas Exchange
10. Diseases
11. Immunity

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SUBJECT: Chemistry

GRADE: 11

Term 2

6. Electrochemistry
7. Equilibria
8. Reaction kinetics
- Inorganic chemistry
9. The Periodic Table: chemical periodicity
10. Group 2
11. Group 17
12. Nitrogen and sulfur
13. Organic chemistry
14. Hydrocarbons
15. Halogen compounds
16. Hydroxy compounds
17. Carbonyl compounds
18. Carboxylic acids and derivatives
19. Nitrogen compounds
20. Polymerisation
21. Organic synthesis
22. Analytical techniques



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SUBJECT (PHYSICS)

GRADE (11)

TERM 2

1. Chapter 7. Matter and Materials.
2. Chapter 8. Electric Current.
3. Chapter 9. Kirchoffs Laws.
4. Chapter 10. Resistance and resistivity.
5. Chapter 11. Practical Circuits.
6. Chapter 12. Waves.
7. Chapter 13. Superposition of Waves.



SUBJECT (COMPUTER SCIENCE 9618)

GRADE (11)

Term 2

3. Hardware

3.1 Computers and their components

3.2 Logic Gates and Logic Circuits

4. Processor Fundamentals

4.1 Central Processing Unit (CPU) Architecture

4.2 Assembly Language

5. System Software

5.1 Operating System

6. Security, privacy and data integrity

6.1 Data Security

6.2 Data Integrity

8. Databases

8.1 Database Concepts

8.2 Database Management System (DBMS)

8.3 Data Definition Language (DDL) and Data Manipulation Language (DML)

9. Algorithm Design and Problem-solving

9.1 Computational Thinking Skills

9.2 Algorithms

11. Programming

11.1 Programming Basics

11.2 Constructs

11.3 Structured Programming



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Mathematics **Grade 11**

Term 2

Pure math 1

1. Series
2. Differentiation
3. Integration

Stats

1. Permutation and combinations
2. Probability
3. Discrete random variable
4. The normal distributions



SUBJECT (COMPUTER SCIENCE 9618)

GRADE (12)

Term 2

3. Hardware

- 3.1 Computers and their components
- 3.2 Logic Gates and Logic Circuits

4. Processor Fundamentals

- 4.1 Central Processing Unit (CPU) Architecture
- 4.2 Assembly Language

5. System Software

- 5.1 Operating System

6. Security, privacy and data integrity

- 6.1 Data Security
- 6.2 Data Integrity

8. Databases

- 8.1 Database Concepts
- 8.2 Database Management System (DBMS)
- 8.3 Data Definition Language (DDL) and Data Manipulation Language (DML)

9. Algorithm Design and Problem-solving

- 9.1 Computational Thinking Skills
- 9.2 Algorithms

11. Programming

- 11.1 Programming Basics

11.2 Constructs

11.3 Structured Programming