

YEAR PLANNER

2024-25

GRADE 12_{PCMC}



ISO 21001: 2018



Educating the Global Child

ENGLISH

| MONTH | CHAPTER / CONTENT | TEST / EXAM | TOPICS FOR SPEAKING & LISTENING SKILLS (LANGUAGES) |
|-----------|--|--|--|
| MARCH | Introduction to the pattern. Flamingo: Chap: 1 (Prose and poem) Chap: 2 (Prose) W. Skills: Notice and Invitation Writing. | | |
| APRIL | Revision | UNIT TEST I: PORTION Reading: Comprehensions. W. Skills: Notice Writing and Invitation Writing. Literature: Chap: 1 and 2. | |
| MAY | Flamingo: Chap: 3 (Prose and poem) Vistas: Chap: 1 | | |
| JUNE | Flamingo: Chap: 4 (Prose and Poem) Vistas: Chap: 2 W. Skills: Letter writing (Job Application and Editorial Letter) | CYCLE TEST I: PORTION Reading: Comprehensions. W. Skills: Notice Writing and Invitation Writing Lit: Flamingo: Chap: 2 and 3(Prose) Chap: 3 and 4 (Poem) Vistas: Chap: 1 and 2. | |
| JULY | Flamingo: Chap: 5 (Prose and poem) Vistas: Chap: 3 | | |
| AUGUST | Flamingo: Chap: 6 (Prose and poem) Vistas: Chap: 4 | CYCLE TEST 2: PORTION: March to July. | ASL/PROJECT |
| SEPTEMBER | Flamingo: Chap: 7 and 8(Prose) Vistas: Chap: 6 W. Skills: Article Writing. | CYCLE TEST 3: PORTION: March to August. | |
| OCTOBER | Vistas: Chap: 8 W. Skills: Report Writing. | | |
| NOVEMBER | Revision | | |
| DECEMBER | Revision | PRE-BOARD Portion: Full Syllabus | |
| JANUARY | Revision | | |
| FEBRUARY | Revision | PRE-BOARD Portion: Full Syllabus | |
| MARCH | | SSCE Board Examination | |

PHYSICS

| MONTH | CHAPTER / CONTENT | TEST / EXAM |
|-----------|---|---|
| MARCH | Ch.1 Electric Charges and Fields Ch.2 Electrostatic Potential and Capacitance | |
| APRIL | Revision | Unit Test PORTION: March |
| MAY | Ch.3 Current Electricity Ch. 4 Moving Charges and Magnetism | |
| JUNE | Ch. 4 Moving Charges and Magnetism Ch. 5 Magnetism and Matter Ch. 6 Electromagnetic Induction | CYCLE TEST - 1 PORTION: March-May |
| JULY | Ch. 7 Alternating Current Ch. 9 Ray Optics and Optical Instruments | |
| AUGUST | Ch. 9 Ray Optics and Optical Instruments (contd.) Ch. 10 Wave Optics Ch. 11 Dual Nature of Radiation and Matter | CYCLE TEST - 2 PORTION: March - July |
| SEPTEMBER | Ch. 11 Dual Nature of Radiation and Matter Ch. 12 Atoms Ch. 13 Nuclei | CYCLE TEST - 3 PORTION: March - August |
| OCTOBER | Ch. 14 Semiconductor Electronics Ch. 8 Electromagnetic Waves | |
| NOVEMBER | Revision | |
| DECEMBER | Revision | Pre-Board Exam PORTION: Full Syllabus |
| JANUARY | Revision Practical & Viva | SSCE PRACTICAL EXAMINATION |
| FEBRUARY | Revision | PREPARATORY PORTION: Full Syllabus |
| MARCH | | SSCE Board Examination |

CHEMISTRY

| MONTH | CHAPTER / CONTENT | TEST / EXAM |
|-----------|--|---|
| MARCH | Ch 10. Haloalkanes and haloarenes Ch 11. Alcohols, phenols and ethers | |
| APRIL | REVISION | UNIT TEST I: PORTION-10&11 |
| MAY | Ch 12. Aldehydes, ketones and carboxylic acids | |
| JUNE | Ch 13. Amines Ch 2. Solutions | CYCLE TEST - 1 PORTION: Ch - 10,11,12&13 |
| JULY | Ch 3. Electro chemistry | |
| AUGUST | Ch 4. Chemical Kinetics Ch 14. Biomolecules | CYCLE TEST - 2 PORTION: Ch - 2,3,4,10,11,12&13 |
| SEPTEMBER | Ch 8. d - and f - Block Elements | CYCLE TEST - 3 PORTION: Ch - 2,3,4,8,10,11,12,13& 14 |
| OCTOBER | Ch 9- Coordination compounds | |
| NOVEMBER | Revision | |
| DECEMBER | Revision | Pre-Board Exam: Full Syllabus |
| JANUARY | Revision | SSCE PRACTICAL EXAMINATION |
| FEBRUARY | Revision | Pre-Board Exam: Full Syllabus |
| MARCH | | SSCE BOARD EXAMINATION |

MATHEMATICS

| MONTH | CHAPTERS | TEST/ EXAM | EXPERIMENTS |
|-----------|--|---|---|
| MARCH | 06: Applications of Derivatives 07: Integrals (Cont.) 09: Differential equations | | 1. Finding maxima and minima 2. Verification of maxima and minima |
| APRIL | | Unit Test Chapters 6, 7 & 9 | 3. Distance Formula |
| MAY | 05: Differentiability and continuity. 03: Matrices | | 11. Concepts of Increasing and Decreasing Functions. 12. Concepts of Local Maxima, Local Minima and Point of Inflection. |
| JUNE | 08: Application of integrals 04: Determinants. | CYCLE TEST - 1 PORTION: March-May | 13. Rate of Change of Quantities 8. Continuity and discontinuity of a function at a point. |
| JULY | 01: Relations & Functions 13: Probability. | | |
| AUGUST | 02: Inverse Trigonometric Functions 12: Linear Programming | CYCLE TEST - 2 PORTION: March - July | 5. Understanding the Concept of One-One and Onto Functions. 6. Principle value of an Inverse Trigonometric Functions |
| SEPTEMBER | 10: Vector Algebra, 11: Three-Dimensional Geometry | CYCLE TEST - 3 PORTION: March - August | 9. Graph of a^x and $\log x$ to the base a |
| OCTOBER | Revision | | |
| NOVEMBER | Revision | | |
| DECEMBER | Revision | Pre-board Exam Full portion | |
| JANUARY | Revision | | |
| FEBRUARY | Revision | Pre-board Exam Full portion | |
| MARCH | | SSCE Board Examination | |

COMPUTER SCIENCE

| MONTH | CHAPTER / CONTENT | TEST / EXAM |
|-----------|---|---|
| MARCH | Chapter 10: Relational Database Chapter 12: Table Creation and Data Manipulation Commands Chapter 11: Simple Queries in SQL | |
| APRIL | | UNIT TEST – 1 PORTION: Ch – 10,11,12 |
| MAY | Chapter 11: Simple Queries in SQL (Cont...) | |
| JUNE | Chapter 13: Grouping Records and Join in SQL Chapter 14: Interface Python with MySQL | CYCLE TEST - 1 PORTION: Ch – 10,11,12 & 13 |
| JULY | Chapter 3: Working with Functions Chapter 5: File Handling | |
| AUGUST | Chapter 6: Exception Handling Chapter 7: Data Structures | CYCLE TEST - 2 PORTION: Ch – 3,5,6, 10,11,12,13 & 14 |
| SEPTEMBER | Chapter 8: Computer Networks - I Chapter 9: Computer Networks - II | CYCLE TEST - 3 PORTION: Ch – 3,5,6,7,8,10 11,12,13 & 14 |
| OCTOBER | Chapter 9: Computer Networks – II (Cont...) Chapter 1: Python Revision Tour - I Chapter 2: Python Revision Tour - II | |
| NOVEMBER | REVISION | |
| DECEMBER | REVISION | PREBOARD EXAM PORTION: Full Syllabus |
| JANUARY | REVISION | |
| FEBRUARY | REVISION | SSCE BOARD EXAMINATION: PORTION: Full Syllabus |
| MARCH | | SSCE BOARD EXAMINATION: PORTION: Full Syllabus |