

# YEAR PLANNER

2021-22

GRADE 12



ISO 21001: 2018

Educating the Global Child

# ENGLISH

| Month               | Chapter/Content   | Test/Exam   | TOPICS FOR SPEAKING & LISTENING SKILLS& ACTIVITIES (LANGUAGES) |
|---------------------|---|---|--|
| February            | Flamingo: Chap: 1 (Prose)   |   |  |
| March               | Flamingo: Chap: 1 (Poem)<br>Vistas: Chap: 1   |   |  |
| April               | Flamingo: Chap: 2 (Prose)   |   |  |
| May                 | Flamingo: Chap: 2 (Poem)<br>Writing Skills: Classified Advertisements   |   |  |
| June                | Flamingo: Chap:3 (Prose)<br>Writing Skills: Letter to an Editor   |   |  |
| July                | Vistas: Chap: 4   | Cycle Test- 1   |  |
| August              | Flamingo: Chap: 3 (Poem)<br>Writing Skills: Notice Writing  | Cycle Test- 2 (Term – I syllabus)   | ASL  |
| September & October | Writing Skills: Article Writing<br>Completion of Term-I syllabus<br><br>Revision (Term I full syllabus)   | Cycle Test- 3/ Preparatory examination-1<br><br>(Term I full syllabus)  |  |
| November & December | Writing Skills: Formal & Informal Invitation Cards or the Replies to Invitation/s & Report Writing<br>Flamingo: Chap: 4 (Prose and Poem) and 5 (Prose)<br>Vistas: Chap: 5 | Preparatory examination-2 (Term I full syllabus)<br>TERM- I BOARD PRACTICAL/ PROJECT ASSESSMENT<br>TERM – I BOARD EXAMINATION |  |
| January             | Flamingo: Chap: 6(Poem)<br>Vistas: Chap:6 and 7<br>Writing Skills: Letter of Application for a Job<br>Completion of Term- II Portion/Revision                             | TERM- II BOARD PRACTICAL/ PROJECT ASSESSMENT  |  |
| February            | Revision (Term II full syllabus)  | TERM- II BOARD PRACTICAL/ PROJECT ASSESSMENT<br>Preparatory examination- 1(Term II full syllabus)                             | ASL  |
| March & April       |   | Preparatory examination- 2(Term II full syllabus)<br>TERM – II BOARD EXAMINATION  |  |

# MATHEMATICS

| Month     | Chapters  | Test / Exam   | Experiments  |
|-----------|---|---|--|
| Feb       | <b>Term-1</b><br>S: 05. Continuity & Differentiability  |   | 1. NOT ONE-ONE BUT ONTO FUNCTION<br>5. LAGRANGE'S MEAN VALUE THEOREM   |
| Mar       | S: 05. Continuity & Differentiability (contd)   |   | 2. ONE-ONE BUT NOT ONTO FUNCTION<br>7. WORD PROBLEMS ON MAXIMA AND MINIMA  |
| June      | S: 03. Matrices<br>G: 01. Relations & Functions<br>G: 02. Inverse Trigonometric Functions<br>G: 12. Linear Programming                                |   | 3. CONTINUITY AND DISCONTINUITY OF A FUNCTION AT A POINT<br>4. ROLLE'S THEOREM<br>6. LOCAL MAXIMUM AND LOCAL MINIMUM VALUES OF A MINIMUM |
| July      | S: 04. Determinants<br>G: 06. Application of derivatives  | CYCLE TEST - 1<br>PORTIONS: Feb – Jun   | 8. FINDING MAXIMA AND MINIMA<br>9. VERIFICATION OF MAXIMA AND MINIMA<br>10. EQUATION OF PLANE IN NORMAL FORM                             |
| Aug       |   | CYCLE TEST - 2<br>PORTIONS: Feb – July  |  |
| Sep / Oct |   | CYCLE TEST - 3 /<br>Preparatory Exam-<br>1. PORTIONS: Term<br>1 Full Syllabus |  |
| Nov       | Revision  | Preparatory Exam-<br>2. Term -1 Full<br>Syllabus                              |  |
| Dec       | Revision  | Term-1 Board Exam   |  |
| Jan       | <b>TERM-2</b><br>S: 07. Integrals<br>G: 08. Applications of Integrals<br>G: 09. Differential Equations<br>G: 10. Vector Algebra<br>S: 13. Probability |   |  |

|           |                                   |  |  |
|-----------|-----------------------------------|--|--|
|           | G: 11. Three-Dimensional Geometry |  |  |
| Feb       | Revision                          | Preparatory Exam-1.<br>PORTIONS: Term 2<br>Full Syllabus |  |
| Mar/April | Term -2 Board Exam                | Preparatory Exam-2.<br>PORTIONS: Term 2<br>Full Syllabus |  |

## PHYSICS

| MONTH     | CHAPTER / CONTENT  | TEST / EXAM   |
|-----------|--|---|
| FEBRUARY  | Ch.1 Electric Charges and Fields   |   |
| MARCH     | Ch.2 Electrostatic Potential and Capacitance<br>Ch.3 Current Electricity                                     |   |
| APRIL     | Ch.3 Current Electricity   | UNIT TEST<br>PORTION: Feb-March                               |
| JUNE      | Ch. 4 Moving Charges and Magnetism<br>Ch. 5 Magnetism and Matter   |   |
| JULY      | Ch. 6 Electromagnetic Induction<br>Ch. 7 Alternating Current   | CYCLE TEST -1<br>PORTION: Feb - July                          |
| AUGUST    | Ch. 9 Ray Optics and Optical Instruments<br>Ch. 10 Wave Optics<br>Ch. 11 Dual Nature of Radiation and Matter | CYCLE TEST -2<br>PORTION: Ch. 1-7                             |
| SEPTEMBER | Ch. 12 Atoms<br>Ch. 13 Nuclei  | CYCLE TEST -3/ PREPERATORY- 1<br>PORTION: Term1 Full Syllabus |
| OCTOBER   | REVISION   | PREPERATORY- 2<br>PORTION: Term-1 Full Syllabus               |
| NOVEMBER  | REVISION   | PRACTICAL EXAMINATION   |
| DECEMBER  | TERM-1 BOARD EXAMINATION   |   |
| JANUARY   | Ch. 14 Semiconductor Electronics<br>Ch. 8 Electromagnetic Waves  | AISSCE PRACTICAL EXAMINATION                                  |
| FEBRUARY  | REVISION   | PREPERATORY- 1<br>PORTION: Term-2 Full Syllabus               |

|       |                          |  |
|-------|--------------------------|--|
| MARCH |                          | PREPERATORY- 1<br>PORTION: Term-2 Full Syllabyus |
| APRIL | TERM-2 BOARD EXAMINATION |  |

## CHEMISTRY

| MONTH | CHAPTER   | TEST/EXAM                       |
|-------|---|---------------------------------|
| FEB   | Ch: 10 Halo alkanes and haloarenes<br>Ch: 11 Alcohols, Phenols and Ethers |                                 |
| MAR   | Ch: 12 Aldehydes, Ketones and Carboxylic acid<br>Ch: 13 Amines            | UT-1(PORTIONS:10&11)            |
| MAY   | Ch: 14 Biomolecules   |                                 |
| JUNE  | Ch: 1 Solid state   |                                 |
| JULY  | Ch: 2 Solutions<br>Ch: 3 Electrochemistry                                 | CT-1 (PORTIONS:10,11,14&1)      |
| AUG   | Ch: 7 The p-block elements<br>Ch: 8 The d and f-block elements            | CT-2 (PORTIONS:10,11,14,1,2 &7) |
| SEPT  | Ch: 9 Coordination compounds  | CT-3/PE-1(Term I full portion)  |
| OCT   | REVISION  | PRACTICL EXAM (Term I)          |
| NOV   | REVISION  | BOARD EXAM (Term I portion)     |
| DEC   | REVISION  | BOARD EXAM (Term I portion)     |
| JAN   | Ch: 4 Chemical Kinetics<br>Ch: 5 Surface Chemistry                        | BOARD PRACTICAL EXAM            |
| FEB   | REVISION  | PE-1(Term II portion)           |
| MAR   | REVISION  | PE-2(Term II portion)           |
| APR   |   | BOARD EXAM (Term -II Portion)   |

# BIOLOGY

| MONTH     | CHAPTER  | TEST/EXAM   |
|-----------|--|---|
| FEBRUARY  | Chapter – 1 Reproduction in organisms<br>Chapter – 2 Sexual Reproduction in Flowering plants                                   |   |
| MARCH     | Chapter – 3 Human Reproduction<br>Chapter – 4 Reproductive health  | UNIT TEST-1(PORTIONS:1TO 4)                                 |
| MAY       | Chapter – 5 Heredity and Variation   |   |
| JUNE      | Chapter – 6 Molecular basis of inheritance   |   |
| JULY      | Chapter – 8 Human health and disease<br>Chapter – 10 Microbes in Human welfare   | CYCLE TEST-1<br>(PORTIONS:2 TO 5)                           |
| AUGUST    | Chapter – 11 Principles and Processes of Biotechnology<br>Chapter – 12 Applications of biotechnology in health and agriculture | CYCLE TEST-2<br>(PORTIONS:2 TO 6)                           |
| SEPTEMBER | Chapter – 13 Organisms and Environment<br>Chapter – 15 Biodiversity and its conservation                                       | CYCLE TEST -3/PREPARATORY EXAM-1<br>(TERM – 1 FULL PORTION) |
| OCTOBER   | REVISION   | PRACTICL EXAM (TERM- I)                                     |
| NOVEMBER  | REVISION   | BOARD EXAM (Term -I Portion)                                |
| DECEMBER  | REVISION   | BOARD EXAM (Term I Portion)                                 |
| JANUARY   | REVISION   | BOARD PRACTICL EXAM (TERM- II)                              |
| FEBRUARY  | REVISION   | PREPARATORY EXAM-1(TERM-II Portion)                         |
| MARCH     | REVISION   | PREPARATORY EXAM-2(TERM II Portion)                         |
| APRIL     |  | BOARD EXAM (Term -II Portion)                               |

# ACCOUNTANCY

| MONTH     | CHAPTER  | TEST/EXAM   |
|-----------|--|---|
| FEBRUARY  | Part – A Accounting for Partnership:<br>Ch-1 Basic concept,<br>ch-2 Change in profit sharing ratio |   |
| MARCH     | Part- B ch-3 Financial statement of a company,<br>Ch-4 Accounting ratio                            | UNIT TEST-1(PORTIONS:1 TO 4)                                |
| MAY       | Part- A ch-5 Admission of a partner,<br>Ch-6 Retirement<br>ch-7 Death of a partner                 |   |
| JUNE      | Part-A ch-8 Dissolution of a partner,<br>Ch-9 Accounting for share capital                         |   |
| JULY      | Ch-10 Non-profit organisation  | CYCLE TEST-1<br>(PORTIONS:5 TO 9)                           |
| AUGUST    | Ch-11 Cash flow statement,<br>Ch-12 Issue of debentures  | CYCLE TEST-2<br>(PORTIONS:10 TO 12)                         |
| SEPTEMBER | Project work- Term-1   | CYCLE TEST -3/PREPARATORY EXAM-1<br>(TERM – 1 FULL PORTION) |
| OCTOBER   | REVISION   | PRACTICE EXAM (TERM- I)                                     |
| NOVEMBER  | REVISION   | BOARD EXAM (Term -I Portion)                                |
| DECEMBER  | REVISION   | BOARD EXAM (Term I Portion)                                 |
| JANUARY   | Project work- Term-2   | BOARD PRACTICE EXAM (TERM- II)                              |
| FEBRUARY  | REVISION   | PREPARATORY EXAM-1(TERM-II<br>Portion)                      |
| MARCH     | REVISION   | PREPARATORY EXAM-2(TERM II<br>Portion)                      |
| APRIL     |  | BOARD EXAM (Term -II Portion)                               |

# BUSINESS STUDIES

| MONTH     | CHAPTER   | TEST/EXAM  |
|-----------|---|--|
| FEBRUARY  | Chapter – 1 Nature and significance of management<br>Chapter – 2 Principles of management |  |
| MARCH     | Chapter – 3 Business Environment<br>Chapter – 4 Planning                                  | UNIT TEST-1(PORTIONS:1TO 4)                                    |
| MAY       | Chapter – 5 Organising  |  |
| JUNE      | Chapter – 6 Staffing<br>Chapter – 7 Directing   |  |
| JULY      | Chapter –11 Marketing management<br>Chapter – 8 Controlling                               | CYCLE TEST-1<br>(PORTIONS:1 TO 5)                              |
| AUGUST    | Chapter –9 Financial management<br>Chapter – 10 Financial market                          | CYCLE TEST-2<br>(PORTIONS:1 TO 5 & 11)                         |
| SEPTEMBER | Chapter – 12 Consumer Protection<br>Project Work – Term 1                                 | CYCLE TEST -3/PREPARATORY<br>EXAM-1<br>(TERM – 1 FULL PORTION) |
| OCTOBER   | REVISION  | PRACTICL EXAM (TERM- I)  |
| NOVEMBER  | REVISION  | BOARD EXAM (Term -I Portion)                                   |
| DECEMBER  | REVISION  | BOARD EXAM (Term I Portion)                                    |
| JANUARY   | Project Work – Term 2<br>REVISION   | BOARD PRACTICL EXAM (TERM- II)                                 |
| FEBRUARY  | REVISION  | PREPARATORY EXAM-1(TERM-II<br>Portion)                         |
| MARCH     | REVISION  | PREPARATORY EXAM-2(TERM II<br>Portion)                         |
| APRIL     |   | BOARD EXAM (Term -II Portion)                                  |



# ECONOMICS

| MONTH | CHAPTER                                    | TEST /EXAMS   |
|-------|--|---|
| FEB   | IED: Unit-6 Ch-1,2,3<br>Unit-7 Ch-5,6,7    |   |
| MAR   | MACRO: Unit 2- Ch-5,6,                     | Unit Test: IED: Unit 6,7,<br>MACRO: Unit 2.                         |
| MAY   | MACRO: Unit-4-Ch-10,<br>Unit-5- Ch- 11,12. |   |
| JUNE  | IED: Unit 8-Ch-8,9,10,11,                  |   |
| JULY  | MACRO: Unit-1- Ch-1,2,3,4.                 | Cycle Test-1- Portions:<br>IED: Unit 6,7,8,<br>MACRO: Unit 1,2,4,5, |
| AUG   | MACRO: Unit -3-Ch-1,2,                     | Cycle Test-2- Portions<br>IED: Unit-6 ,7,<br>MACRO: Unit-2,4,5,     |
| SEPT  | Unit -3 cont. Ch-3.                        | CT-3/PE-1(Term I portions)  |
| OCT   | REVISION                                   | PROJECT WORK TERM-I   |
| NOV   | REVISION                                   | BOARD EXAM (Term-I portions)  |
| DEC   | REVISION                                   | BOARD EXAM (TERM-I portions)  |
| JAN   | REVISION                                   | BOARD PRACTIAL EXAMS  |
| FEB   | REVISION                                   | PE-1 (Term -II portions)  |
| MAR   | REVISION                                   | PE-2 (Term-II Portions)   |

# COMPUTER SCIENCE

| MONTH      | CHAPTER / CONTENT  | TEST / EXAM  |
|------------|--|--|
| FEB        | Ch.1 Python Revision Tour - I  |  |
| MAR        | Ch.2 Python Revision Tour - II   |  |
| APR        | Ch.11 Relational Databases Ch.12 Simple Queries in SQL                     |  |
| MAY        | Ch.12 Simple Queries in SQL contd... Ch.13 Table Creation and DM Commands  |  |
| JUNE       | Ch.14 Grouping Records, Joins in SQL Ch.15 Interface Python with MySQL     |  |
| JULY       | Ch.3 Working with Functions Ch.4 Using Python Libraries                    | CYCLE TEST -1 PORTION: Feb – July                                |
| AUG        | Ch.5 File Handling   | CYCLE TEST -2 PORTION: Term1 Full Syllabus (MCQ)                 |
| SEPT & OCT | REVISION   | CYCLE TEST -3 (PREPARATORY 1) PORTION: Term1 Full Syllabus (MCQ) |
| NOV        | REVISION<br><b>Term 1 Board Practical Examination</b>                      | PREPARATORY 2 PORTION: Term1 Full Syllabus                       |
| NOV-DEC    | <b>Term 1 Board Examination</b>  |  |
| JAN        | Ch.9 Data Structures – Stacks,<br>Ch.10 Communication and Network Concepts | CYCLE TEST -5 PORTION: Feb – September                           |
| JAN-FEB    | <b>Term 2 Board Practical Examination</b>                                  |  |
| FEB        | REVISION   | PREPARATORY 1 PORTION: Term2 Full Syllabus (Descriptive)         |
| MAR        |  | PREPARATORY 2 PORTION: Term2 Full Syllabus (Descriptive)         |
| MAR-APR    | <b>Term 2 Board Examination</b>  |  |