

INDIAN SCHOOL SOHAR
SYLLABUS BREAK-UP (SESSION 2022-23)
CLASS XI (SCIENCE)

| SUBJECT→ MONTH↓ | ENGLISH | PHYSICS | CHEMISTRY | BIOLOGY | MATHEMATICS | INFORMATICS PRACTICES | PE |
|--------------------|--|---|---|--|--|--|--|
| MAY | Literature: 1. A Photograph 2. The Portrait of a Lady | Physical World, Units and Measurements | CHAPTER 1-SOME BASIC CONCEPTS OF CHEMISTRY | | Sets | UNIT - 1: Introduction to Computer System | Olympism |
| JUNE | Writing & Grammar: 1. Advertisement | Units and Measurements | CHAPTER 1-SOME BASIC CONCEPTS OF CHEMISTRY | | Sets | UNIT - 1: Introduction to Computer System | Olympism Practical-Major game |
| JULY | SUMMER VACATION (10TH JUNE TO 3RD AUGUST) | | | | | | |
| AUGUST | Literature: 3. We are not Afraid to Die,... 4. Discovering Tut: The Saga Continues Supp Reader: 1. The Summer of the Beautiful White Horse Writing & Grammar: 1. Tense | Units and Measurements Motion in a Straight Line | CHAPTER2-STRUCTURE OF ATOM CHAPTER3-CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES | 1.The Living World 2. Biological Classification 3. Plant Kingdom 4. Animal Kingdom 5. Morphology of Flowering Plants | Relation & Function Trigonometric Function Complex Numbers | UNIT - 2: Introduction to Python (Python Fundamentals) UNIT - 2: Introduction to Python (Data Handling) UNIT - 2: Introduction to Python (Conditional & Iterative Statements) | <ul style="list-style-type: none"> ● Changing Trends & Career in Physical Education ● Yoga ● Physical Education & Sports for CWSN |
| SEPTEMBER | Supp Reader: 2. The Address Reading: 2. Notemaking & Summarization Writing: 3. Speech | Motion in a Straight Line Motion in a Plane | CHAPTER3-CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES | 6. Anatomy of flowering plants 7. Structural Organization in Animals | Linear inequalities | UNIT - 2: Introduction to Python (Conditional & Iterative Statements) UNIT - 2: Introduction to Python (List Manipulations) | <ul style="list-style-type: none"> ● Physical Education & Sports for CWSN ● Physical Fitness, Health and Wellness |
| | TERM – I THEORY EXAMINATIONS (18TH SEPTEMBER TO 29TH SEPTEMBER) | | | | | | |
| OCTOBER | Literature: 5. The Laburnum Top 6. The Voice of the Rain Supp Reader: 3. Mother's Day Writing & Grammar: 2. Clause 4. Poster | Motion in a Plane Laws of Motion Work, Energy and Power | CHAPTER 4-CHEMICAL BONDING AND MOLECULAR STRUCTURE CHAPTER 5-ORGANIC CHEMISTRY: SOME BASIC PRINCIPLES AND TECHNIQUES | 8. Cell-The Unit of Life 9. Biomolecules 10. Cell Cycle and Cell Division | Permutation and combination Binomial Theorem Sequence and series Straight Lines | UNIT - 2: Introduction to Python (List Manipulations) UNIT - 2: Introduction to Python (Dictionary) UNIT - 3: Database concepts and the Structured Query Language (Database Concepts & Simple queries in SQL) | <ul style="list-style-type: none"> ● Physical Fitness, Health and Wellness ● Test, Measurement & Evaluation ● Fundamentals of Anatomy, Physiology in Sports |
| NOVEMBER | Literature: 7. The Adventure 8. Childhood 9. Silk Road 10. Father to Son Writing & Grammar: 5. Debate | Work, Energy and Power System of Particles and Rotational Motion | CHAPTER 5-ORGANIC CHEMISTRY: SOME BASIC PRINCIPLES AND TECHNIQUES CHAPTER 6-HYDROCARBONS CHAPTER 7-REDOX | 10. Cell Cycle and Cell Division 13. Photosynthesis in Higher Plants 14. Cellular Respiration 15. Plant - Growth and Development 17. Breathing and | Straight Lines Conic section Introduction to 3D geometry | UNIT - 3: Database concepts and the Structured Query Language (Database Concepts & Simple queries in SQL) UNIT - 3: Database concepts and the Structured Query | <ul style="list-style-type: none"> ● Practical-Yoga ● Fundamentals of Kinesiology and Biomechanics in Sports ● Practical-Physical Fitness Test ● Psychology & Sports |

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| | | | REACTIONS | exchange of gases | | Language (Relational data model & Simple queries in SQL) | |
| DECEMBER | Literature: 10. Father to Son Supp Reader: 4. The Tale of Melon City 5. Birth | Gravitation Mechanical Properties of Solids Mechanical Properties of Fluids Kinetic Theory of gases | CHAPTER 7-REDOX REACTIONS CHAPTER 8-EQUILIBRIUM | 13. Photosynthesis in Higher Plants 14. Cellular Respiration | Limits and derivatives Statistics | UNIT - 3: Database concepts and the Structured Query Language (Types of SQL commands, Data Definition queries, Data Query & Manipulation) UNIT - 4: Introduction to the Emerging Trends | <ul style="list-style-type: none"> Psychology & Sports Training and Doping in Sports |
| JANUARY | REVISION | Thermal Properties of Matter Thermodynamics Kinetic Theory | CHAPTER 8-EQUILIBRIUM CHAPTER 9-THERMODYNAMICS | 17. Breathing and Exchange of Gases 18. Body Fluids and Circulation 19. Excretory Products and their Elimination 20. Locomotion and Movement | Probability PMI,(Rationalized) Mathematical Reasoning (Rationalized) | REVISION | |
| | FINAL PRACTICAL EXAMINATIONS (Dates will be informed later) | | | | | | |
| | REVISION | REVISION | REVISION | | 21. Neural Control and Coordination 22. Chemical Coordination and Integration | REVISION | REVISION |
| FEBRUARY | REVISION | Oscillations. Oscillations & Waves | REVISION | REVISION | REVISION | REVISION | REVISION |
| MARCH | TERM – II FINAL THEORY EXAMINATIONS (21ST FEBRUARY TO 5TH MARCH) | | | | | | |