



**INDIAN SCHOOL SOHAR**  
**SYLLABUS BREAK – UP (SESSION 2019 – 20)**  
**CLASS – XI (SCIENCE)**

SUBJECT → MONTH ↓	CHEMISTRY	PHYSICS	BIOLOGY	MATHEMATICS	ENGLISH	INFORMATIC PRACTICES	COMPUTER SCIENCE	PE
APRIL	<ul style="list-style-type: none"> <li>Some Basic Concepts of Chemistry</li> <li>Structure of Atom</li> </ul>	<ul style="list-style-type: none"> <li>Physical world</li> <li>Units and dimensions</li> </ul>	<b>Unit I- Diversity Of Living Organism</b> <ul style="list-style-type: none"> <li>The living world</li> <li>Biological Classification</li> <li>Plant Kingdom</li> </ul>	<ul style="list-style-type: none"> <li>Sets</li> <li>Relations and Functions</li> <li>Trigonometric Functions</li> </ul>	<b>Literature/Reader</b> <ul style="list-style-type: none"> <li>A Photograph</li> <li>The Portrait of a Lady</li> <li>We Are not Afraid to Die...</li> </ul> <b>Writing</b> <ul style="list-style-type: none"> <li>Notice</li> <li>Article</li> <li>Letter to Editor</li> </ul> <b>Suppli. Reader</b> <ul style="list-style-type: none"> <li>The Summer of the Beautiful White Horse</li> </ul>	<ul style="list-style-type: none"> <li>Ch13:Relational databases</li> <li>Ch14:Simple Queries in SQL</li> </ul>	<ul style="list-style-type: none"> <li>Ch16:Relational databases</li> <li>Ch17:Simple Queries in SQL</li> </ul>	<ul style="list-style-type: none"> <li>Unit-I: Changing Trends &amp; Career in Physical Education</li> <li>Unit-II: Olympic Value Education</li> <li>Unit-III: Physical Fitness, Wellness &amp; Lifestyle</li> </ul>
MAY	<ul style="list-style-type: none"> <li>Classification of Elements and Periodicity in Properties</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<ul style="list-style-type: none"> <li>Motion in a straight line</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<ul style="list-style-type: none"> <li>Animal Kingdom</li> </ul> <b>Unit II- Structural Organisation In Plants &amp; Animals-</b> <ul style="list-style-type: none"> <li>Morphology Of Flowering Plants</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<ul style="list-style-type: none"> <li>Mathematical Induction</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<b>Suppli. Reader</b> <ul style="list-style-type: none"> <li>The Address</li> </ul> <b>Grammar</b> <ul style="list-style-type: none"> <li>Determiners</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<ul style="list-style-type: none"> <li>Ch14:Simple Queries in SQL</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<ul style="list-style-type: none"> <li>Ch 18:Table creation and data manipulation commands</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<ul style="list-style-type: none"> <li>Unit-III: Physical Fitness, Wellness &amp; Lifestyle</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>
<b>12-MAY TO 19-MAY UNIT TEST</b>								
MAY	<p style="text-align: center;"><b>Discussion of Question Paper</b></p> <ul style="list-style-type: none"> <li>Redox Reactions</li> </ul>	<p style="text-align: center;"><b>Discussion of Question Paper</b></p> <ul style="list-style-type: none"> <li>Motion in a plane</li> </ul>	<p style="text-align: center;"><b>Discussion of Question Paper</b></p> <ul style="list-style-type: none"> <li>Anatomy Of Flowering Plants</li> </ul>	<p style="text-align: center;"><b>Discussion of Question Paper</b></p> <ul style="list-style-type: none"> <li>Complex Numbers</li> </ul>	<p style="text-align: center;"><b>Discussion of Question Paper Lit./Reader</b></p> <ul style="list-style-type: none"> <li>Landscape of the soul</li> </ul> <p style="text-align: center;"><b>Supplementary Reading</b></p> <ul style="list-style-type: none"> <li>Ranga's Marriage</li> </ul> <p style="text-align: center;"><b>Writing</b></p> <ul style="list-style-type: none"> <li>Poster</li> </ul>	<p style="text-align: center;"><b>Discussion of Question Paper</b></p> <ul style="list-style-type: none"> <li>Ch 15:Table creation and data manipulation commands</li> </ul>	<p style="text-align: center;"><b>Discussion of Question Paper</b></p> <ul style="list-style-type: none"> <li>Ch 18:Table creation and data manipulation commands</li> <li>Ch19:Table joins and Indexes in SQL</li> </ul>	<p style="text-align: center;"><b>Discussion of Question Paper</b></p> <ul style="list-style-type: none"> <li>Major Games Theory – Badminton</li> <li>Major Games Theory - Table Tennis,Rope-Skipping</li> </ul>
JULY	<ul style="list-style-type: none"> <li>Chemical Bonding and Molecular Structure</li> </ul>	<ul style="list-style-type: none"> <li>Laws of motion</li> </ul>	<ul style="list-style-type: none"> <li>Structural Organisation In Animals</li> </ul> <b>Unit III- Cell : Structure And Function</b> <ul style="list-style-type: none"> <li>Cell: The Unit Of Life</li> </ul>	<ul style="list-style-type: none"> <li>Linear Inequalities</li> <li>Permutations and Combinations</li> </ul>	<b>Lit./Reader</b> <ul style="list-style-type: none"> <li>Landscape of the soul</li> </ul> <b>Supplementary Reader</b> <ul style="list-style-type: none"> <li>Ranga's Marriage</li> </ul> <b>Writing</b> <ul style="list-style-type: none"> <li>Job Application</li> <li>Note making</li> </ul>	<ul style="list-style-type: none"> <li>Ch16:Table joins and Indexes in SQL</li> </ul>	<ul style="list-style-type: none"> <li>Ch19:Table joins and Indexes in SQL</li> <li>Ch1:Getting started with Python</li> <li>Ch2:Python Fundamentals</li> </ul>	<ul style="list-style-type: none"> <li>Unit IV Physical Education &amp; Sports for CWSN (Children With Special Needs)</li> </ul>
AUGUST	<ul style="list-style-type: none"> <li>States of Matter</li> <li>Organic Chemistry – Some basic Principles and Techniques</li> </ul>	<ul style="list-style-type: none"> <li>Work and energy</li> </ul>	<ul style="list-style-type: none"> <li>Cell: The Unit Of Life</li> <li>Biomolecules</li> <li>Cell Cycle And Cell Division</li> </ul>	<ul style="list-style-type: none"> <li>Permutations and Combinations</li> <li>Binomial Theorem</li> <li>Mathematical Reasoning</li> </ul>	<b>Lit./Reader</b> <ul style="list-style-type: none"> <li>The Laburnum Top</li> <li>The Ailing Planet: The Green Movement's Role</li> <li>The Voice of the Rain</li> </ul> <b>Writing</b> <ul style="list-style-type: none"> <li>Advertisements</li> <li>Letter to Principals &amp; Officials</li> </ul> <b>Grammar</b> <ul style="list-style-type: none"> <li>LISTENING TEST</li> </ul>	<ul style="list-style-type: none"> <li>Ch2:Getting started with Python</li> <li>Ch3:Python Fundamentals</li> <li>Ch4:Data Handling</li> <li>Ch5:Conditional &amp; Iterative Statements</li> </ul>	<ul style="list-style-type: none"> <li>Ch3:Data Handling</li> <li>Ch4:Conditional &amp; Iterative Statements</li> <li>Ch5:String Manipulation</li> </ul>	<ul style="list-style-type: none"> <li>Yoga</li> <li>Physical Activity &amp; Leadership Training</li> </ul>



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SUBJECT → MONTH ↓	CHEMISTRY	PHYSICS	BIOLOGY	MATHEMATICS	ENGLISH	INFORMATIC PRACTICES	COMPUTER SCIENCE	PE
SEPTEMBER	<ul style="list-style-type: none"> <li>Organic Chemistry – Some basic Principles and Techniques</li> <li>Hydrocarbons</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<ul style="list-style-type: none"> <li>System of particles</li> <li>Gravitation</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<p><b>Unit IV- Plant Physiology</b></p> <ul style="list-style-type: none"> <li>11. Transport In Plants</li> <li>12. Mineral Nutrition</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<ul style="list-style-type: none"> <li>Sequence And Series</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<p><b>Lit./Reader</b></p> <ul style="list-style-type: none"> <li>The Browning Version</li> </ul> <p><b>Grammar</b></p> <ul style="list-style-type: none"> <li>Modals</li> <li>Writing</li> <li>Business Letter</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<ul style="list-style-type: none"> <li>Ch6:String Manipulation</li> <li>Ch7:List Manipulation</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<ul style="list-style-type: none"> <li>Ch6:Debugging Programs</li> <li>Ch7:List Manipulation</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<ul style="list-style-type: none"> <li>Unit-VII: Test, Measurement &amp; Evaluation</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>
<b>19-SEPT TO 30-SEPT TERM – I EXAM</b>								
SEPTEMBER	<b>Discussion of Question Paper</b>	<b>Discussion of Question Paper</b>	<b>Discussion of Question Paper</b>	<b>Discussion of Question Paper</b>	<b>Discussion of Question Paper</b>	<b>Discussion of Question Paper</b>	<b>Discussion of Question Paper</b>	<b>Discussion of Question Paper</b>
OCTOBER	<ul style="list-style-type: none"> <li>Hydrocarbons</li> <li>Thermodynamics</li> </ul>	<ul style="list-style-type: none"> <li>Gravitation</li> <li>Properties of solid</li> <li>Properties of fluid</li> </ul>	<ul style="list-style-type: none"> <li>13. Photosynthesis In Higher Plants</li> <li>14. Respiration In Plants</li> <li>15. Plant Growth And Development</li> </ul> <p><b>Unit V:Animal Physiology</b></p> <ul style="list-style-type: none"> <li>16. Digestion and Absorption</li> </ul>	<ul style="list-style-type: none"> <li>Straight Lines</li> <li>Conics</li> <li>Three Dimensions</li> <li><b>REVISION</b></li> </ul>	<p><b>Discussion of Question Paper</b></p> <p><b>Lit./Reader</b></p> <ul style="list-style-type: none"> <li>Childhood</li> </ul> <p><b>Supplimentary Reader</b></p> <ul style="list-style-type: none"> <li>Albert Einstein at School</li> <li>Mother’s Day</li> <li>Ghat of the Only World</li> </ul> <p><b>Writing</b></p> <ul style="list-style-type: none"> <li>Report Writing</li> </ul> <p><b>Grammar</b></p> <ul style="list-style-type: none"> <li>Tense</li> <li>JAM – SPEAKING</li> <li>Active &amp; Passive Voice</li> </ul>	<ul style="list-style-type: none"> <li>Ch7:List Manipulation</li> <li>Ch9:Intro. to Python Modules</li> <li>Ch10:Intro. to Python Pandas</li> <li>Ch11:Python Pandas II</li> </ul>	<ul style="list-style-type: none"> <li>Ch8:Tuples</li> <li>Ch9:Dictionaries</li> <li>Ch10:Understanding Sorting</li> <li>Ch11:States of Transitions</li> <li>Ch20:Basics of NoSQL Database-MONGODB</li> </ul>	<ul style="list-style-type: none"> <li>Unit-VIII: Fundamentals of Anatomy,Physiology &amp; Kinesiology in Sports</li> <li>Unit-IX: Psychology &amp; Sports</li> </ul>
NOVEMBER	<ul style="list-style-type: none"> <li>The s-Block Elements</li> <li>Equilibrium</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<ul style="list-style-type: none"> <li>Oscillations</li> <li>Waves</li> <li>Thermal Properties of Matter</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<ul style="list-style-type: none"> <li>17. Breathing &amp; Exchange Of Gases</li> <li>18.Body Fluids and Circulation</li> <li>19. Excretory Products and their Elimination</li> <li>20. Locomotion and Movement</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<ul style="list-style-type: none"> <li>Limits and Derivatives</li> <li>Statistics</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<p><b>Lit./Reader</b></p> <ul style="list-style-type: none"> <li>The Adventure</li> <li>Silk Road</li> </ul> <p><b>Suppli. Reader</b></p> <ul style="list-style-type: none"> <li>Birth</li> <li>Tale of Melon City</li> </ul> <p><b>Writing</b></p> <ul style="list-style-type: none"> <li>Speech</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<ul style="list-style-type: none"> <li>Ch10:Intro. to Python Pandas</li> <li>Ch11:Python Pandas II</li> <li>Ch12:Data transfer between Files ,SQL Databases &amp; Dataframes</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<ul style="list-style-type: none"> <li>Ch20:Basics of NoSQL Database-MONGODB</li> <li>Ch12:Computer System Overview</li> <li>Ch13:Data Representation</li> <li>Ch14:Boolean Logic</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<ul style="list-style-type: none"> <li>Unit-IX: Psychology &amp; Sports</li> <li>Unit-X: Training &amp; Doping in Sports</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>
DECEMBER	<p><b>Discussion of Question Paper</b></p> <ul style="list-style-type: none"> <li>The p-Block Elements</li> <li>Environmental Chemistry</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<p><b>Discussion of Question Paper</b></p> <ul style="list-style-type: none"> <li>Thermodynamics</li> <li>Kinetic theory</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<p><b>Discussion of Question Paper</b></p> <ul style="list-style-type: none"> <li>21. Neural Control and Coordination</li> <li>22. Chemical Coordination and Integration</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<ul style="list-style-type: none"> <li>Probability</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<p><b>Lit./Reader</b></p> <ul style="list-style-type: none"> <li>Father to Son</li> </ul> <p><b>Writing</b></p> <ul style="list-style-type: none"> <li>Narrative</li> </ul> <p><b>Grammar</b></p> <ul style="list-style-type: none"> <li>Clauses</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<p><b>Discussion of Question Paper</b></p> <ul style="list-style-type: none"> <li>Ch17:Cyber Safety</li> <li>Ch18:Online Access &amp; Computer Security</li> <li>Ch1:Basic Computer Organization</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<p><b>Discussion of Question Paper</b></p> <ul style="list-style-type: none"> <li>Ch15:Insight into program execution</li> <li>Ch21:Cyber Safety</li> <li>Ch22: Online Access and computer security</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<p><b>Discussion of Question Paper</b></p> <p style="text-align: center;"><b>REVISION</b></p>
<b>1-DEC TO 4-DEC TERM – II PRACTICAL EXAM</b>								
JANUARY	<b>7-JAN TO 19-JAN TERM – II EXAM</b>							
<b>FINAL PRACTICAL EXAM</b>								
FEBRUARY	<b>FINAL THEORY EXAMS</b>							

