



# Bhartiyam International School, Rudrapur

TERM-II SYLLABUS (2018-19) CLASS- XI (A)

Subjects	Block Test-II (30 Marks)	Final Examination	
ENGLISH	<p><b>Hornbill</b> Ch.6- The Browning Version Ch.7- The Adventure P.6.- Childhood</p> <p><b>Snapshot</b> Ch.5- Mother's Day Ch.7- Birth</p> <p><b>Grammar</b> Omission, Gap filling, sentence recording</p> <p><b>Writing</b> Business letter</p> <p><b>Reading</b> Note making</p>	<p><b>Literature section</b> <b>Hornbill-</b> Prose 1- The Portrait of lady 2- We're afraid to die 3. Discovering tut 4. Landscape of the soul 5. The Ailing Planet 6. The Browning version 7. the Adventure 8. Silk Road</p> <p><b>Poetry</b> 1. A photograph 2. The Laburnum top. 3. The voice of the Rain 4. Childhood 5. Father to son</p>	<p><b>Snapshot</b> 1. The Summer of the Beautiful white house 2. The address 3. Ranga's Marriage 4. Albert Einstein at school 5. Mother's Day 6. The Ghat of the only world 7. Birth 8. The tale of melon city</p> <p><b>Reading section</b> 1. Note making and summarizing</p> <p><b>Writing Section</b> Business/official letter, letter to editor, job application resume letter to school/college authorities, notice, poster, advertisement, article, speech, report</p> <p><b>Grammar section</b> Editing, omission, sentence, reordering, sentence transformation</p>
PHYSICS	<p>Ch.6 Work, Power and Energy Ch.7 System of Particles Ch.8 Gravitation Ch.9 Mechanical Properties of solids</p>	<p>Complete Syllabus Ch.1 – Physical World Ch.2 – Units and Measurement Ch.3 - Motion in a straight line Ch.4 – Motion in a plane Ch.5 – Laws of Motion Ch-6 – Work, Energy and Power Ch.7 – System of particles and rotational motion</p>	<p>Ch. 8 – Gravitation Ch.9 – Mechanical Properties of Solids Ch.10 – Mechanical properties of fluids Ch.11 – Thermal properties of matter Ch.12 – Thermodynamics Ch.13 – Kinetic Theory Ch.14 – Oscillations Ch.15 – Waves</p>
CHEMISTRY	<p>Ch.1 Mole Concept Ch.2 Atomic Structure Ch.3 Periodic classification Ch.4 Chemical Bonding Ch.5 States of Matter Ch.6 Thermodynamics</p>	<ul style="list-style-type: none"> <li>➤ Some basic concept of chemistry</li> <li>➤ Structure of atom</li> <li>➤ Periodic classification and periodic table</li> <li>➤ Chemical Bonding</li> <li>➤ States of Matter</li> <li>➤ Thermodynamics</li> <li>➤ Equilibrium</li> <li>➤ Redox Reaction</li> </ul>	<ul style="list-style-type: none"> <li>➤ Hydrogen</li> <li>➤ S-Block elements</li> <li>➤ P-Block elements</li> <li>➤ Qualitative and Quantitative analysis</li> <li>➤ General Organic Chemistry</li> <li>➤ Hydrocarbons</li> <li>➤ Environmental Chem.</li> </ul>
MATHS	<p>Permutation/ Combination Binomial Theorem Straight Lines Sequence Series.</p>	<ul style="list-style-type: none"> <li>➤ Set Theory</li> <li>➤ Relation-Function</li> <li>➤ Trigonometry-Triangles</li> <li>➤ Principal of mathematical induction</li> <li>➤ Complex-Quadratic</li> <li>➤ Linear inequalities</li> <li>➤ Binomial theorem</li> <li>➤ Permutation Combination</li> </ul>	<ul style="list-style-type: none"> <li>➤ Sequence series</li> <li>➤ Straight Lines</li> <li>➤ Conic Section</li> <li>➤ 3-D Geometry</li> <li>➤ Limits and differentiability</li> <li>➤ Statistics</li> <li>➤ Probability</li> <li>➤ Mathematical Reasoning</li> </ul>

<p><b>PHYSICAL EDUCATION</b></p>	<p>Unit- 7 Test, measurement and Evaluation Unit-8 Fundamentals of Anatomy and Physiology Unit-9 Kinesiology, Biomechanics and Sports</p>	<p>Unit-1 Changing trends and Career in physical Education Unit-2 Olympic movement Unit-3 Physical fitness, wellness and lifestyle Unit-4 Physical Education and sports for differently bled. Unit-5 Yoga Unit-6 Physical Activity and leadership training</p>	<p>Unit-7 Test, measurement and Evaluation Unit-8 Fundamentals of Anatomy and Physiology Unit-9 Kinesiology, Biomechanics and sports Unit-10 Psychology and sports Unit-11 Training in Sports Unit-12 Doping</p>
<p><b>PAINTING</b></p>	<p><b>Unit-3</b> Ch.3 The Temple Sculpture, Bronzes and Artistic Aspects of Indo-Islamic Architecture.</p>	<p><b>Unit-1</b> Pre-Historic Rock Painting and Art of Indus Valley. <b>Unit-2</b> Buddhist, Jain and Hindu Art. <b>Unit-3</b> The Temple sculpture, Bronzes and Artistic aspects of Indo-Islamic Architecture.</p>	
<p><b>COMPUTER SCIENCE</b></p>	<p>Ch-4 Conditional and Iterative Statements Ch-5- String manipulation Ch-6 Debugging Programs Ch-7 List Manipulation Ch-8 Tuples Ch-9.Dictionary Ch-13 Data Representation</p>	<p>Ch-1 Getting Started with Python Ch-2 Python Fundamentals Ch-3 Data Handling Ch-4 Conditional and Iterative Statements Ch-5- String manipulation Ch-6 Debugging Programs Ch-7 List Manipulation Ch-8 Tuples Ch-9.Dictionary Ch-10 Understanding and Shorting Ch-11 States and Transitions</p>	<p>Ch-12 Computer System Overview Ch-13 Data Representation Ch-14 Boolean Logic Ch-15 Insight into Program Execution Ch-16 Relational Databases Ch-17 Simple Queries in SQL Ch-18 Tables Creation and Data Manipulation Commands Ch-19. Table Joins and Indexes in SQL Ch-20 Basics of No-SQL Databases Ch-21 Cyber Safety Ch-22 Online Access and Computer Security</p>