



# Bhartiyam International School, Rudrapur

TERM-II SYLLABUS (2018-19) CLASS- XII (B)

Subjects	Final (Board) Examination	
ENGLISH	<p><b>Flamingo:-</b> <b>Prose:</b> 1. The Last Lesson 2. Lost Spring 3. Deep water 4. The Rattrap 5. Indigo 6. Going Places</p> <p><b>Poetry:-</b> 1. My mother @66 2. An Elementary School Classroom in a slum 3. Keeping Quiet 4. A thing of Beauty 5. Aunt Jennifer's Tigers.</p>	<p><b>Vistas:-</b> 1. The Tiger King 2. The Enemy 3. Should Wizard Hit mommy 4. On the face of it 5. Evans tries an O-Level 6. Memories of child hood</p> <p><b>Writing:-</b> Speech, article, notice, advertisement, Invitation, poster, letter-editor and business, job application, report, debate, Unseen passage/Reading comprehension</p> <p><b>Novel:-</b> The Invisible man.</p>
PHYSICS	Ch.1 Electric Charges and Electrostatic Field Ch.2 Electric potential and capacitance Ch.3 Current Electricity Ch.4 Moving charge and Magnetism Ch.5 Magnetism and Matter Ch.6 Electro magnetic induction Ch.7 Alternative current	Ch.8 EM Waves Ch.9 Ray optics and optical instrument Ch.10 Wave optics Ch.11 Dual nature of radiation and matter Ch.12 Atoms Ch.13 Nuclei Ch 14. Semiconductor Ch 15. Communication
CHEMISTRY	Unit:-1- Solid state Chemistry Unit:-2- Solution Unit:-3- Electrochemistry Unit:-4- Chemical Kinetics Unit:-5- Surface Chemistry Unit:-6- General Principles of metallurgy Unit:-7- P-block elements Unit:-8- d and f-block elements	Unit:-9- Co-ordination Chemistry Unit:-10- Haloalkanes and Haloarenes Unit:-11- Alcohols, Phenols and Ethers Unit:-12- Aldehydes, Ketones, and Carboxylic acids. Unit:-13- Ammines Unit:-14- Biomolecules Units:-15- Polymers Units:16- Chemistry in Everyday Life.

<p><b>MATHEMATICS</b></p>	<ol style="list-style-type: none"> <li>1. Relation and functions</li> <li>2. Inverse Trigonometric Functions</li> <li>3. Matrices</li> <li>4. Determinants</li> <li>5. Continuity and differentiability</li> <li>6. Application of derivatives</li> <li>7. Integration</li> </ol>	<ol style="list-style-type: none"> <li>8. Applications of integration</li> <li>9. Differential equations</li> <li>10. Vectors</li> <li>11. 3D-Geometry</li> <li>12. Linear Programming</li> <li>13. Probability</li> </ol>
<p><b>PHYSICAL EDUCATION</b></p>	<ol style="list-style-type: none"> <li>Unit 1. Planning in sports</li> <li>Unit 2. Sports and Nutrition</li> <li>Unit 3. Yoga and Lifestyle</li> <li>Unit 4. Physical education and sports for CWSN</li> <li>Unit 5. Children and sports</li> <li>Unit 6. Women and sports</li> </ol>	<ol style="list-style-type: none"> <li>Unit 7. Test and Measurement in Sports</li> <li>Unit 8. Physiology and Sports</li> <li>Unit 10. Kinesiology, Biomechanics and Sports</li> <li>Unit 11. Psychology and sports</li> <li>Unit 12. Training in sports.</li> </ol>
<p><b>PAINTING</b></p>	<ol style="list-style-type: none"> <li>1. Rajasthani &amp; Pahari school of miniature Painting</li> <li>2. Mugal &amp; Deccani school of Miniature Painting</li> <li>3. Bengal School &amp; Modern trend in Indian Arts.</li> </ol>	