



Bhartiyam International School, Rudrapur

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

Subjects	Final (Board) Examination	
ENGLISH	<p>Flamingo:- Prose: 1. The Last Lesson 2. Lost Spring 3. Deep water 4. The Rattrap 5. Indigo 6. Going Places</p> <p>Poetry:- 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>Vistas:- 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>Writing:- Speech, article, notice, advertisement, Invitation, poster, letter-editor and business, job application, report, debate, Unseen passage/Reading comprehension</p> <p>Novel:- The Invisible man.</p>
PHYSICS	<p>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</p> <p>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</p>	
CHEMISTRY	<p>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</p> <p>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>	

<p>MATHEMATICS</p>	<ol style="list-style-type: none"> 1. Relation and functions 2. Inverse Trigonometric Functions 3. Matrices 4. Determinants 5. Continuity and differentiability 6. Application of derivatives 7. Integrals 	<ol style="list-style-type: none"> 8. Applications of integrals 9. Differential equations 10. Vectors 11. 3D-Geometry 12. Linear Programming 13. Probability
<p>PHYSICAL EDUCATION</p>	<p>Unit 1. Planning in sports Unit 2. Sports and Nutrition Unit 3. Yoga and Lifestyle Unit 4. Physical education and sports for CWSN Unit 5. Children and sports Unit 6. Women and sports</p>	<p>Unit 7. Test and Measurement in Sports Unit 8. Physiology and Sports Unit 10. Kinesiology, Biomechanics and Sports Unit 11. Psychology and sports Unit 12. Training in sports.</p>
<p>PAINTING</p>	<ol style="list-style-type: none"> 1. Rajasthani & Pahari school of miniature Painting 2. Mughal & Deccani school of Miniature Painting 3. Bengal School & Modern trend in Indian Arts. 	
<p>COMPUTER</p>	<ul style="list-style-type: none"> • C++ Revision Tour • Object Oriented Programming • Function Overloading • Classes and Objects • Constructors and Destructors • Inheritance : Extending Classes • Data File Handling 	<ul style="list-style-type: none"> • Pointer • Array • Linked Lists, Stacks and Queues • Database Concepts • Structured Query Language • Boolean Algebra • Communication Technology