

ST. ALOYSIUS SENIOR SECONDARY SCHOOL, CANTT., JABALPUR
SYLLABUS : 2017-18 : CLASS - XI (SCIENCE)

SUBJECTS	FIRST TERM	SECOND TERM	FINAL
Chemistry	1. Some basic concepts of chemistry. 2. Structure of Atom. 3. Classification of elements & periodicity in properties.	4. Chemical Bonding and molecular structure. 12. Fundamentals of org. Chemistry 13. Hydrocarbons. 5. States of matter. + Syllabus of 1st. Term.	6. Thermodynamics. 7. Equilibrium 8. Redox Reactions. 9. Hydrogen. 10. s block elements. 11. p block element. + syllabus of half yearly exam.
Physics	UNIT :- I TO IV I: Physical World & Measurement Unit II: Kinematics Unit III: Laws of Motion	UNIT :- V TO X Physical World & Measurement Unit II: Kinematics Unit III: Laws of Motion Unit IV: Work, Energy and Power Unit V: Motion of system of particles Unit VI: Gravitation Unit VII: Properties of Bulk Matter (Elasticity only) .	UNIT - I TO X (Full Course). Syllabus of Half yearly + UNIT-VII, VIII, IX, X. Unit VIII: Thermodynamics Unit IX: Kinetic Theory of Gases Unit X - Oscillation & Waves
Mathematics	1. SETS 2. RELATIONS AND FUNCTIONS 3. TRIGONOMETRIC FUNCTION 4. PRINCIPLE OF MATHEMATICAL INDUCTION 5. COMPLEX NUMBERS AND QUADRATIC EQUATIONS 6. LINEAR INEQUALITIES 7. PERMERTATION AND COMBINATION	2. COMPLEX NUMBERS AND QUADRATIC EQUATIONS 3. PERMUTATIONS AND COMBINATIONS 4. BINOMIAL THEOREM 5. LIMITS AND DERIVATIVES 6. SETS. 7. RELATIONS AND FUNCTIONS 8. PROBABILITY 9. STRAIGHT LINE 10. Three Dimiensional Geometry. 11. Conic Section	FULL SYLLABUS

<p>English</p>	<p>Main Text L-1,2,3,5 POEM-A PHOTOGRAPH, VOICE OF THE RAIN,READING-NOTE MAKING SUPP. R. L-1,2,3 WRITING-LETTER ,REPORT NOTICES GR. REVISION OF VERBS, DETERMINERS, CONJUNCTIONS, PREPOSITIONS, EDITING, MISSING WORDS. (THE CANTERVILLE GHOST CH - 1 TO 3)</p>	<p>Main Text L-6 POEM CHILDHOOD, SUPP. R.-L 4, GRAMMAR FULL PORTION WRITING-JOB APPLICATION. ALL SECTIONS OF FIRST TERM PORTION INCLUDED (THE CANTERVILLE GHOST CH - 4 TO 6)</p>	<p>POEM - "FATHER TO SON"MAIN TEXT FULL PORTION SUPP R- 5,7,8 INCLUSIVE OF FIRST TERM AND HALF YEARLY PORTION READING, WRITING GRAMMAR. FULL COURSE FROM FIRST TERM. THE CANTERVILLE GHOST FULL.</p>
<p>Biology</p>	<p>CH-1.The living World. 2.Biological Classification. 3.Plant Kingdom. 4.Animal Kingdom. 8.Cell:The Unit of Life.9.Biomolecules.10.Cell Cycle and Cell Division.</p>	<p>CH - 3.Plant Kingdom. 4.Animal Kingdom. 5.Morphology of Flowering Plants. 6.Anatomy of Flowering Plants. 7.Structural Organisation in Animals. 8. Cell : The unit of life. 9.Biomolecules. 10.Cell Cycle and Cell Division.11.Transport in Plants.16.Digestion and Absorption.</p>	<p>CH-6.Anatomy of Flowering Plants.9.Biomolecules. 10.Cell Cycle and Cell Division.11.Transport in Plants.12.Mineral Nutrition.13.Photosynthesis in Higher Plants.14.Respiration in Plants.15.Plant Growth and Development.16.Digestion and A bsorption,17.Breathing and Exchange of Gases.,18.Body Fluids and Circulation.19.Excretory Products and their Elimination.20.Locomotion and Movement.21.Neural Control and Coordination.22.Chemical Coordination and Integration.</p>
<p>Computer Science</p>	<p>CH- 1,2,3,5,6</p>	<p>Chap: 3,6,7,8,9, 10,11,12</p>	<p>Chapters- 3, 6,7,8,9,10,11,12,13,14,15 (Practical marks : 30)</p>
<p>HINDI</p>	<p>गद्य -1,2,3 पद्य -1,2,3 वितान - 1</p>	<p>गद्य -1,2,3,4,5,6,7 पद्य - 1,2 वितान - 1,2</p>	<p>गद्य- 1,2,3,4,5,6,7,8,9,10 पद्य-1,2,3,4,5,6,7,8,9,10 वितान - 1,2,3</p>