

# ST. ALOYSIUS SENIOR SECONDARY SCHOOL, CANTT., JABALPUR

## SYLLABUS : 2017-18 : CLASS - XII (SCIENCE)

SUBJECTS	FIRST TERM	SECOND TERM	FINAL
<b>Chemistry</b>	Unit-10 Halo alkenes and haloarenes 11. Alcohol, Phenol and ether. 12. Aldehyde, Ketones and carboxylic acid. 1. Solid state, .	2. Solution 3. Chemical Kinetics. 4. Electrochemistry. 5. Surface Chemistry. 6. General principles and process of isolation of element. + syllabus of first term.	FULL SYLLABUS
<b>Physics</b>	Unit I: Electrostatics Unit II: Current Electricity Unit III: Magnetic Effects of Current and Magnetism Unit IV: Electromagnetic Induction and Alternating Currents Unit V: Electromagnetic waves Unit I to V	Unit I: Electrostatics Unit II: Current Electricity Unit III: Magnetic Effects of Current and Magnetism Unit IV: Electromagnetic Induction and Alternating Currents Unit V: Electromagnetic waves Unit VI: Optics Unit VII: Dual Nature of Matter and Radiation Unit VIII: Atoms & Nuclei Unit IX: Electronic Devices	FULL COURSE Unit no I TO IX + Unit X Unit X - Communication Systems
<b>Mathematics</b>	1. RELATIONS AND FUNCTIONS 2. INVERSE TRIGONOMETRIC FUNCTIONS 3. MATRICES 4. DETERMINANTS 5. Continuity and differentiability 6. Application of Derivative 7. Integrals. 8. LINEAR PROGRAMMING	1. Relation and function 2. Inverse Trigonometry 3. matrices 4. Determinants 5. Continuity and differentiability 6. Application of Derivative 7. Integrals 8. Application of integral 9. Differential Equation 10. Linear programming 11. Probability, Vector.	FULL COURSE

<b>English</b>	MAIN TEXT CH-1,2,3,4,5 POEM- MY MOTHER AT SIXTY SIX, AN ELEMENTARY CLASSROOM IN A SLUM, KEEPING QUIET. SUPPL. TEXT - CH-2,4,5,6 WRITING SKILLS ADVERTISEMENTS, POSTERS, INFORMAL AND FORMAL INVITATIONS AND REPLIES, REVISION OF ARTICLES, NOTICES AND LETTERS. NOVEL - THE INVISIBLE MAN CH-1 TO 15.	MAIN TEXT CH-8 POEM A THING OF BEAUTY , AUNT JENNIFERS TIGERS SUPP. TEXT CH-7, 8. FULL PORTION OF FIRST TERM INCLUDED. WRITING SKILLS. FULL PORTION NOVEL : 16 TO 29.	FULL SYLLABUS
<b>Biology</b>	CH-1,2,3,4,8,13,14,15,16 GENRAL ASPECT OF REPRODUCTION, SEXUAL REPRODUCTION IN ANGIOSPERMS, SEXUAL REPRODUCTION IN HUMAN, REPRODUCTIVE HEALTH, ORGANISM AND POPULATION, ECOSYSTEM, BIODIVERSITY, CONSERVATION AND MANAGEMENT, HUMAN HEALTH AND DISEASES.	FULL COURSE	FULL COURSE
<b>Computer Science</b>	CHAPTERS - 1, 2, 10, 11, 12, 13	CHAPTERS - 3, 4, 5, 8, 9, 1, 2, 10 ,11, 12, 13	FULL COURSE
<b>HINDI</b>	गद्य - 11,12,13. पद्य - 1,2,3 वितान - 1,2	गद्य - 11,12,13,14,15,16 पद्य - 1,2,3,4,5,6,7 वितान - 1,2,3	गद्य - 11,12,13,14,15,16,17,18 पद्य - 1,2,3,4,5,6,7,8,9,10 वितान - 1,2,3,4