

CLASS XII(SCIENCE)**SYLLABUS 2021-22**

Subject	Text Book	I unit test	Quarterly	Half yearly	I Pre Board	II Pre Board	Project
English	Rainbow Panorama Grammar Deskwork (Excellent	Ls 1to 3 Ls 1 to 3 Unseen passage Notice advertisement &Report -	Ls 1 to 7 Ls 1 to 7 Unseen passage Notice, letter writing, advertisement &Report	Full Course Full Course Full Course Paper 1 &2	Full Course Full Course Full Course Paper 3 to 8	Full Course Full Course Full Course -	Write a book review in about 200 words
Hindi	सृजन पीयूष प्रवाह हिंदी व्याकरण एवं रचना संवाद सेतु संजीव डेस्कवर्क	गद्य 1,2 पद्य 1,2 पाठ 1 पत्र और निबंध लेखन समाचार लेखन	गद्य 1 से 5 पद्य 1से5 पाठ 1,2 भाषा व्याकरण एवं लिपि, अलंकार ,पत्र पर निबंधलेखन समाचार लेखन ,विविध क्षेत्रों में पत्रकारिता	संपूर्ण पाठ्यक्रम प्रश्नपत्र हल 1,2	संपूर्ण पाठ्यक्रम प्रश्नपत्र हल 3,7	संपूर्ण पाठ्यक्रम	शब्द शक्ति व उसके भेदों का वर्णन/ रीतिकाल के कवि बिहारी रचितभक्ति, नीति एवं श्रृंगार के पांच दोहे।

Physics	Ncert Text book for physics	Lesson-1 electric field and its application, gauss law, 1-3 electric potential, electric capacitance	Ch 1 -6 electric field, gauss law and its applications, electric potential, electric capacitance, electric current, electric circuit	Ch 1-10 electric field, gauss law and its applications, electric potential, electric capacitance, electric circuit, magnetic effects of electric current, magnetism and properties of magnetic substances, electromagnetic induction, alternating current	CH 11 TO 15 Ray optics, nature of light, photoelectric effect and matter waves, atomic physics, nuclear physics	Full course	Magnetic effects of electric current
Biology	Ncert text book for biology	Ch 1-10 Reproduction in angiospermic plants, male and female gametophyte structure, pollination, fertilization, special methods of plant reproduction, plant water relations, water absorption, transpiration, mineral nutrition, enzymes	Ch 11 TO 15 Respiration, Nitrogen metabolism, Plant growth, Biotechnology, Genetic engineering	Ch 16-25 Plant tissue culture, Economic botany and human welfare, oil, fibre, spices, sustainable agriculture, Bioenergy	Ch 25-35	Full course	Biotechnology

Chemistry	Ncert chemistry	Ch1-3	Ch1-6	Ch1-10	Ch 11-14	Full course	Defects in solids
Maths	Ncert maths	Ch2-3	Ch 2,3,4,5,6	Ch 2,3,4,5,6,7,8,9,10	Ch11,12	Full course	Basic rules of differentiation and integration
Physics practical	Practical physics	Metre bridge, prism	Convex lens, concave lens, potentiometer	Refractive index of liquid, potentiometer	Full course	Full course	
Biology practical	Practical biology	Transpiration in leaf, slides observation	Potato osmometer, Hydrilla	Digestive system, Respiratory system, structure of eye	Full course	Full course	
Chemistry practical	Chemistry practical	Volumetric analysis	Detection of radicals	Functional group analysis	Content based experiment	Full course	

Note: Maintaining copy is compulsory as 5 marks will be allotted for the copy maintenance in each subject and Copy will be checked before every Examination.