Deleted portion from Class XII syllabus-Physics

Unit	Deleted portion
Unit 1: Electrostatics	• Uniformly charged thin spherical shell (field inside and outside)
Unit 2: Electrostatic potential and capacitance	Nil
Unit 3: Current electricity	Carbon resistors, colour code for carbon resistors; series an parallel combinations resistors
Unit 4: Moving charges and Magnetism	Cyclotron
Unit 5: Magnetism and matter	• Magnetic field intensity due to a magnetic dipole (bar Magnet) along axis and perpendicular to its axis. • Torque on a magnetic dipole (bar magnet) in a uniform magnetic field • Para-, dia and ferro – magnetic substances, with examples. • Electromagnets and factors affecting their strengths. Permanent magnets.
Unit 6 : Electromagnetic induction	Nil
Unit 7 : Alternating current	• Power factor • Wattles current
Unit 8 : Electromagnetic waves	• Basic idea of displacement current
Unit 9 : Ray optics	• Reflection of light, spherical mirrors, (recapitulation) mirror formula • Scattering of light – blue colour sky and reddish appearance of the sun sunrise and sunset.
Unit 10: Wave optics	• Resolving power of microscope and astronomical telescope • Polarisation, plane polarise light, Brewster's law, uses of plane polarised light and polaroids.
Unit 11: Duel nature of radiation	• Davisson-Germer experiment
Unit 12: Atoms	• NIL
Unit 13: Nuclei	• Radioactivity, alpha, beta and gamma particles/rays and their properties; radioactive decay law, hal life and mean life • Binding energy per nucleon and its variation with mass number

Unit 14: Semiconductor devices	• Zener diode and their characterestics, zener diode as a voltage regulator