

SYLLABUS 2019-20

SUBJECT (physics, class 12th)

Book Name (Nootan physics)

Period Order 1-

1. Spherical mirrors
2. Refraction of light at plane interface
3. Refraction of light at spherical surfaces: lenses
4. Refraction & dispersion of light through a prism
5. Optical instruments
6. Wave nature of light
7. Interference of light
8. Diffraction of light
9. Polarization of light

Period Order 2-

10. Electric charges & fields
11. Gauss' theorem
12. Electric potential & potential energy
13. Capacitors & dielectrics
14. Electric resistance & Ohm's law
15. DC Circuits & Measurements
16. Moving Charges & magnetism
17. Torque on a current loop: Moving Coil Galvanometer
18. Magnetic Field & Earth's Magnetism
19. Magnetic classification of substances
20. Electromagnetic induction
21. Alternating Current

Contact Us

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22. Electromagnetic Waves

Period Order 3-

23. Photoelectric effect
24. Matter waves
25. X-rays
26. Atom , origin of spectra: Bohr's theory of hydrogen atom
27. Nuclear structure
28. Radioactivity
29. Mass energy equivalence: nuclear binding energy
30. Nuclear fission & fusion : source of energy
31. Semiconductor electronic
32. Junction diodes
33. Junction transistors
34. Logic gates
35. Communication system

Period Order 4-

Revision

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