

FULL TEST – 1

PATTERN – AIIMS

PHYSICS

SYLLABUS

- Electric Charges and Field
- Electrical Potential and Capacitance
- Current Electricity
- Moving charges and Magnetism
- Semiconductor Electronics
- Magnetism and Matter
- Electromagnetic Induction
- AC Circuits
- Communication Systems
- Electromagnetic Waves
- Ray Optics and Optical Instruments
- Wave Optics
- Dual Nature of Matter and Radiation
- Atoms
- Nuclei

CHEMISTRY

SYLLABUS

- Solid States
- Solutions
- Electrochemistry
- Chemical Kinetics
- Surface Chemistry
- General Principles and Processes of Isolation of Elements
- P-Block Elements (Nitrogen family, Oxygen Family, Halogen Family & Noble gases)
- d-and f-block Elements
- Coordination compounds
- Haloalkanes and Haloarenes
- Alcohols, Phenols and Ethers
- Aldehydes, Ketons and Carboxylic Acids
- Biomolecules
- Polymers
- Chemistry in Everyday Life

BIOLOGY

SYLLABUS

- Reproduction in Organisms
- Sexual reproduction in flowering plants
- Human Reproduction
- Principles of inheritance and variation
- Molecular basis of inheritance
- Reproductive Health
- Evolution
- Strategies for enhancement in food production
- Microbes in human welfare
- Human Health and Disease
- Strategies for Enhancement in Food Production
- Organisms and populations
- Ecosystem
- Biotechnology Principles and Processes
- Biodiversity and Conservation
- Environmental Issues
- Biotechnology and its Applications