

NEET se Pahle NEET

Syllabus

PHYSICS

1. Basic Mathematics Used in Physics
2. Vectors
3. Units, Dimensions and Measurement
4. Kinematics
5. Laws of Motion and Friction
6. Work, Energy and Power
7. Circular Motion
8. Collisions and Centre of Mass
9. Rotational Motion
10. Gravitation
11. Properties of Matter and Fluid Mechanics
12. Thermal Physics
13. Oscillations
14. Wave Motion
15. Electrostatics
16. Current Electricity
17. Capacitor
18. Magnetic Effect of Current and Magnetism
19. Electromagnetic Induction
20. Alternating Current
21. Electromagnetic Waves
22. Ray Optics and Optical Instruments
23. Wave Optics
24. Modern Physics
25. Semiconductor Electronics
26. Experimental Skills

CHEMISTRY

1. Some Basic Concepts of Chemistry – Mole Concept
2. Atomic Structure
3. Chemical Equilibrium
4. Ionic Equilibrium
5. Thermodynamics
6. Chemical Kinetics
7. Solutions
8. Redox Reactions
9. Electrochemistry
10. Classification and Nomenclature
11. Isomerism
12. Optical Isomerism
13. General Organic Chemistry
14. Hydrocarbons
15. Haloalkanes and Haloarenes

16. Alcohols, Phenols and Ethers
17. Aldehydes, Ketones and Carboxylic Acids
18. Amines
19. Biomolecules
20. Purification, Quantitative and Qualitative Analysis
21. Classification of Elements and Periodicity in Properties – Periodic Table
22. Chemical Bonding and Molecular Structure – Chemical Bonding
23. p-block Elements – Group 13 to 18
24. Coordination Compounds
25. d and f Block Elements
26. Principles Related to Practical Chemistry (inorganic Chemistry)
27. Principles Related to Practical Chemistry (physical Chemistry)

BOTANY

1. The Living World
2. Biological Classification
3. Plant Kingdom
4. Morphology of Flowering Plants
5. Anatomy of Flowering Plants
6. Cell The Unit of Life
7. Cell Cycle and Cell Division
8. Photosynthesis in Higher Plants
9. Respiration in Plants
10. Plant Growth and Development
11. Sexual Reproduction in Flowering Plants
12. Principles of Inheritance and Variation
13. Molecular Basis of Inheritance
14. Microbes in Human Welfare
15. Organisms and Populations
16. Ecosystem
17. Biodiversity and Conservation

ZOOLOGY

1. Animal Kingdom
2. Structural Organisation in Animals (Animal Tissue, Cockroach & Frog)
3. Biomolecules
4. Breathing and Exchange of Gases
5. Body Fluids and Circulation
6. Excretory Products and Their Elimination
7. Locomotion and Movement
8. Neural Control and Coordination
9. Chemical Coordination and Integration
10. Human Reproduction
11. Reproductive Health
12. Biotechnology: Principles and Processes
13. Biotechnology and its Applications
14. Human Health and Disease
15. Evolution