

# NTA NEET (UG) 2021

## Syllabus

### Physics syllabus of class 11<sup>th</sup>

#### Topics

1. Physical-world and measurement
2. Kinematics
3. Laws of Motion
4. Work, Energy and Power
5. Motion of System of Particles and Rigid Body
6. Gravitation
7. Properties of Bulk Matter
8. Thermodynamics
9. Behaviour of Perfect Gas and Kinetic Theory
10. Oscillations and Waves

### Physics syllabus of Class 12<sup>th</sup>

#### Topics

1. Electrostatics
2. Current Electricity
3. Magnetic Effects of Current and Magnetism
4. Electromagnetic Induction and Alternating Currents
5. Electromagnetic Waves
6. Optics
7. Dual Nature of Matter and Radiation
8. Atoms and Nuclei
9. Electronic Devices

### Chemistry syllabus of class 11<sup>th</sup>

#### Topics

1. Some Basic Concepts of Chemistry
2. Structure of Atom
3. Classification of Elements and Periodicity in Properties
4. Chemical Bonding and Molecular Structure
5. States of Matter: Gases and Liquids
6. Thermodynamics
7. Equilibrium
8. Redox Reactions
9. Hydrogen

- 10. s-Block Element (Alkali and Alkaline earth metals)
- 11. Some p-Block Elements
- 12. Organic Chemistry- Some Basic Principles and Techniques
- 13. Hydrocarbons
- 14. Environmental Chemistry

## Chemistry syllabus of class 12<sup>th</sup>

### Topics

- 1. Solid State
- 2. Solutions
- 3. Electrochemistry
- 4. Chemical Kinetics
- 5. Surface Chemistry
- 6. General Principles and Processes of Isolation of Elements
- 7. p- Block Elements
- 8. d and f Block Elements
- 9. Coordination Compounds
- 10. Haloalkanes and Haloarenes
- 11. Alcohols, Phenols and Ethers
- 12. Aldehydes, Ketones and Carboxylic Acids
- 13. Organic Compounds Containing Nitrogen
- 14. Biomolecules
- 15. Polymers
- 16. Chemistry in Everyday Life

## Biology (Botany & Zoology) syllabus of class 11<sup>th</sup>

### Topics

- 1. Diversity in Living World
- 2. Structural Organisation in Animals and Plants
- 3. Cell Structure and Function
- 4. Plant Physiology
- 5. Human physiology

## Biology (Botany & Zoology) syllabus of class 12<sup>th</sup>

### Topics

- 1. Reproduction
- 2. Genetics and Evolution
- 3. Biology and Human Welfare
- 4. Biotechnology and Its Applications
- 5. Ecology and environment