

## **Syllabus of Paramedical**

### **Physics**

- Laws of Motion.
- Work, Energy and Power
- Gravitation
- Units and Measurements
- Electrostatics
- Magnetic Effects of Current and Magnetism
- Optics
- Electromagnetic Induction and Alternating Currents

### **Chemistry**

- Structure of atom
- Classification of Elements and Periodicity in Properties
- Chemical Bonding and Molecular Structure
- States of Matter: Gases and Liquids
- Electrochemistry
- Chemical Kinetics
- Alcohols, Phenols and Ethers
- Aldehydes, Ketones and Carboxylic Acids

### **Biology**

- Diversity of Living Organisms
- Structural Organization in Plants and Animals
- Cell: Structure and Function
- Plant Physiology
- Human Physiology
- Reproduction
- Genetics and Evolution
- Biology and Human Welfare
- Biotechnology and its Applications
- Ecology and Environment

## **General Knowledge**

- Culture, Music and Dance of M.P
- Physical Geography ( River mountain etc) of M.P
- Agriculture , Industry of M.P
- Contribution of Madhya Pradesh in Indian National movement,
- Monuments of M.P
- . Personalities, award of M.P

## **Basic Computer Knowledge**

- Characteristics of Computers
- Computer Organisation including RAM, ROM,
- Operating System
- , MS-Office (exposure of Word, Excel/spread sheet, Power point),
- Input-Output Devices