## SYLLABUS: WHIZ SEARCH EXAM 2024 FOR CLASS XI (MEDICAL)

| SUBJECT        | TOPICS  |  |  |
|----------------|---|--|--|
| PHYSICS        | Units & Dimensions  |  |  |
|                | Error   |  |  |
|                | Kinematics  |  |  |
|                | Laws of Motion  |  |  |
|                | Circular Motion   |  |  |
|                | Work, Power and Energy  |  |  |
|                | Centre of Mass  |  |  |
| CHEMISTRY      | Some Basic Concepts of Chemistry                                |  |  |
|                | Classification of Elements and Periodicity in Properties        |  |  |
|                | Structure of Atom   |  |  |
|                | Chemical Bonding  |  |  |
|                | Chemical and Ionic Equilibrium                                  |  |  |
|                | Redox Reactions   |  |  |
|                | Isomerism & IUPAC   |  |  |
| BIOLOGY        | Photosynthesis  |  |  |
|                | The Cell  |  |  |
|                | Body Fluid & Circulation  |  |  |
|                | Neural Control & Coordination                                   |  |  |
| MENTAL ABILITY | Verbal & Nen Verbal Beasening (Series Analogy Classification)   |  |  |
|                | Verbal & Non-Verbal Reasoning (Series, Analogy, Classification) |  |  |
|                | Coding and Decoding   |  |  |
|                | General Logical and Analytical Reasoning                        |  |  |
|                | Problems Based on Figures                                       |  |  |
|                | Data Interpretation   |  |  |

## **Paper Pattern**

| Section        | No. of Questions | Marks Per Questions | Total Marks | Negative<br>Marking |
|----------------|------------------|---------------------|-------------|---------------------|
| Physics        | 9                | +4                  | 36          | -1                  |
| Chemistry      | 9                | +4                  | 36          | -1                  |
| Biology        | 9                | +4                  | 36          | -1                  |
| Mental Ability | 8                | +4                  | 32          | -1                  |
| Total          | 35               |                     | 140         |                     |

**Time Duration: 60 Minutes**