



# **ACST**

**(Admission Cum Scholarship Test)**

## **SYLLABUS & PATTERN**

### **For Class 11 Studying Students (Stream: Medical)**

#### **PHYSICS**

- 1. Vector & Basic Mathematics
- 2. Kinematics
- 3. Laws of Motion
- 4. Circular Motion
- 5. Work, Power & Energy

#### **CHEMISTRY**

- 1. Some Basic Concepts of Chemistry
- 2. Atomic Structure
- 3. Classification of Elements & Periodicity in Properties
- 4. Chemical Bonding

#### **BOTANY**

- 1. Cell-The Unit of Life
- 2. Cell Cycle & Cell Division
- 3. Living World
- 4. Biological Classification

#### **ZOOLOGY**

- 1. Animal Tissue
- 2. Breathing & Exchange of Gases
- 3. Body Fluid & Circulation
- 4. Excretory Product & Elimination

**OFFLINE EXAM PATTERN:** No. of Ques. = 120 (30 Single Correct Type Objective Ques. in Physics & Chemistry Each + 60 Single Correct Type Objective Ques. in Biology) | Paper Duration: 2 hrs. | Total Marks: 480 (Marking Scheme: +4 for Correct Answer, -1 for Incorrect Answer)

**ONLINE EXAM PATTERN:** No. of Ques. = 60 (15 Single Correct Type Objective Ques. in Physics & Chemistry Each + 30 Single Correct Type Objective Ques. in Biology) | Paper Duration: 1 hr. | Total Marks: 240 (Marking Scheme: +4 for Correct Answer, -1 for Incorrect Answer)

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