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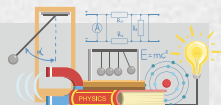
# N-ASAT

NARAYANA ADMISSION & SCHOLARSHIP APTITUDE TEST

## Syllabus & Pattern

Presently in Class 10

### PHYSICS



- ❖ Light - Reflection and Refraction
- ❖ The Human Eye and the Colourful World
- ❖ Electricity
- ❖ Magnetic Effects of Electric Current

### CHEMISTRY



- ❖ Chemical Reactions and Equations
- ❖ Acids, Bases and Salts
- ❖ Metals and Non – Metals
- ❖ Carbon and its Compounds

### REASONING ABILITY



- ❖ General questions of Verbal, Non-Verbal and Abstract Reasoning

### MATHEMATICS



- ❖ Real Numbers
- ❖ Polynomials
- ❖ Pair of Linear Equations in Two Variables
- ❖ Quadratic Equations
- ❖ Arithmetic Progressions
- ❖ Triangles
- ❖ Coordinate Geometry
- ❖ Introduction to Trigonometry
- ❖ Some Applications of Trigonometry
- ❖ Circles
- ❖ Surface Area and Volume
- ❖ Statistics
- ❖ Probability

### BIOLOGY



- ❖ Life Processes
- ❖ Control and Coordination
- ❖ How do Organisms Reproduce?
- ❖ Heredity
- ❖ Our Environment

## Offline Exam Mode Pattern

**Question Pattern:** 75 Multiple Choice Questions with Single Correct Answer

**Subject wise Question Distribution:**  
Physics-15, Chemistry-15, Biology /  
Mathematics-20 & Reasoning Ability-25

**Marking Scheme:** +4 Marks for correct answer  
& -1 for wrong answer

**Medium:** English Only

**Test Time:** 90 Minutes

**Test Mode:** Offline