



# TALLENTEX 2022

## Syllabus & Pattern

### (Stage-1)

## Class VII

Academic Session : 2021-22

### PHYSICS



- ✓ Electricity and Circuits
- ✓ Fun with Magnets
- ✓ Heat
- ✓ Heat and Temperature
- ✓ Light, Shadow & Reflection
- ✓ Motion and Measurement of Distances
- ✓ Wind, Storms and Cyclones

### MATHEMATICS



- ✓ Algebraic Expressions
- ✓ Data Handling
- ✓ Exponents and Powers
- ✓ Fraction and Decimal
- ✓ Integers
- ✓ Lines and Angles (6)
- ✓ Lines and Angles (7)
- ✓ Mensuration (6)
- ✓ Mensuration (7)
- ✓ Number System
- ✓ Ratio and Proportion
- ✓ Rational Number
- ✓ Simple Equation
- ✓ Triangles and Congruence of Triangles

### CHEMISTRY



- ✓ Acid, Bases and Salts
- ✓ Animal Fibre
- ✓ Changes around us
- ✓ Water and air

### IQ



- ✓ Alphabet test
- ✓ Classification
- ✓ Coding-decoding
- ✓ Direction Sense
- ✓ Embedded Figure
- ✓ Mathematical Operation
- ✓ Mirror Image
- ✓ Number Ranking
- ✓ Number Series
- ✓ Venn-Diagram
- ✓ Water Image
- ✓ Sitting Arrangement

### BIOLOGY



- ✓ Nutrition in Plants and Animal
- ✓ Respiration in Organisms
- ✓ Transportation in Plants and Animals
- ✓ The living organisms and their surroundings
- ✓ Body Movements
- ✓ Garbage in Garbage out

## EXAM PATTERN

#### Paper Pattern

Part-I : Physics; Chemistry; Biology; Maths | Part-II : IQ

#### Pattern of Questions

160 Multiple Choice Questions of 4 choices (Single Correct Answer)

#### Marking Scheme

+4 for correct answer ( No negative marking for wrong answer)

#### Question Distribution

Physics: 20, Chemistry: 20, Biology: 20, Maths: 50, IQ: 50

(Each subject's questions will be divided equally into two types.

1<sup>st</sup> MCQ type | 2<sup>nd</sup> Integer type)

**Mode of Exam :** Online (Students will appear from home)

#### Medium & Duration Of Exam

Medium : English Only | Duration : 2 Hours