



# TALLENTEX OVERSEAS

## Syllabus & Pattern

### Class VIII

Academic Session : 2021-22

#### PHYSICS



- ✓ Electric current and its effects
- ✓ Force and Pressure
- ✓ Heat and Temperature
- ✓ Light
- ✓ Motion and Time
- ✓ Sound

#### CHEMISTRY



- ✓ Acid, Bases and Salts
- ✓ Metal and Non-Metal
- ✓ Physical and Chemical Changes
- ✓ Synthetic Fibre and Plastic
- ✓ Water

#### BIOLOGY



- ✓ Cell Structure and Function
- ✓ Crop Production and management
- ✓ Micro Organisms: friends and foe
- ✓ Reproduction in Plants
- ✓ Forest Our Life line
- ✓ Weather, climate and adaptation of animals to climate

#### MATHEMATICS



- ✓ Congruence of Triangle
- ✓ Cubes and Cube Roots
- ✓ Exponents and Power
- ✓ Factors and Decimal
- ✓ Integers
- ✓ Linear Equations in One Variable (7)
- ✓ Linear Equations in One Variable (8)
- ✓ Perimeter and Area
- ✓ Practical Geometry
- ✓ Rational Number
- ✓ Squares and Square Roots
- ✓ Understanding Quadrilaterals
- ✓ Visualizing solid Shapes

#### IQ



- ✓ Blood Relation
- ✓ Coding-decoding
- ✓ Counting of Figure
- ✓ Cubes and Dice
- ✓ Direction Sense
- ✓ Embedded Figure
- ✓ Insert the Missing Character
- ✓ Mathematical Operation
- ✓ Mirror Image
- ✓ Non-verbal Series
- ✓ Number Ranking
- ✓ Number Series
- ✓ Venn-Diagram
- ✓ Water Image

### 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

-1 for every 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

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