



# TALLENTEX SYLLABUS & PATTERN

## CLASS - X

### Important Point:

- ◆ Syllabus consists of topics from Current Class and Previous Class.
- ◆ Students are advised to find these topics from their school text books of present and previous years and prepare thoroughly for MCQs.



### PHYSICS

- Motion and Force
- Work, Power and Energy
- Gravitation
- Sound
- Electricity
- Magnetic Effects of Current



### CHEMISTRY

- Atoms and Molecules
- Atomic Structure
- Chemical Reaction and Equation
- Acids, Bases and Salts
- Metals and Non-metals



### BIOLOGY

- Why do we fall ill?
- Natural resources
- Diversity in living organisms
- Life processes
- Control & coordination



### MATHS

- Number System
- Polynomial
- Linear Equations in Two Variables
- Introduction Euclid's Geometry
- Lines, Angles, Triangles-Congruency & Similarity of triangles and Quadrilaterals
- Areas of Parallelograms and Triangles
- Circles
- Heron's Formula
- Surface area and Volumes
- Probability
- Introduction to trigonometry
- Statistics

## EXAM PATTERN

### ◆ Paper Pattern

**Part-I** : Physics; Chemistry; Biology; Maths, **Part-II** : IQ

### ◆ Pattern of Questions

80 Objective Type Questions | MCQs of 4 choices (single correct answer)  
(Sample test papers are available at website : [www.tallenex.com](http://www.tallenex.com))

### ◆ Marking Scheme

+ 4 for correct answer  
& -1 for wrong answer (negative marking)

### ◆ Question Distribution (Part-I: 60, Part-II : 20)

Physics: 15, Chemistry: 15, Biology: 15, Maths: 15, IQ: 20

### ◆ Medium & Duration Of Exam

Medium : English Only | Duration : 2 Hours.

**It is Compulsory to take seat in exam hall atleast 30 minutes before test to fill OMR.**