



TALLENTEX 2022

Syllabus & Pattern

(Stage-1)

Class IX

Academic Session : 2021-22

PHYSICS



- ✓ Force and NLM (9)
- ✓ Motion (9)
- ✓ Light (8)
- ✓ Sound (8)
- ✓ Stars and Solar System (8)

CHEMISTRY



- ✓ Is Matter Around us Pure (9)
- ✓ Combustion and Flame (8)
- ✓ Fossil Fuels (Coal, Petroleum & Natural Gas)(8)
- ✓ Metal and Non-Metal (8)

BIOLOGY



- ✓ Fundamental unit of life: cell(9)
- ✓ Tissue (9)
- ✓ Conservation of Plants and Animals (8)
- ✓ Micro Organism : Friend and Foe (8)
- ✓ Reproduction & Reaching the age of adolescence (8)

MATHEMATICS



- ✓ Number System (9)
- ✓ Lines and Angles (9)
- ✓ Triangles (9)
- ✓ Heron's Formula (9)
- ✓ Co-ordinate Geometry and linear equation in two variables (9)
- ✓ Statistics (9)
- ✓ Algebraic Expression & Identities(8)
- ✓ Comparing Quantity (8)
- ✓ Cube and Cube Root (8)
- ✓ Direct and Inverse Proportions (8)
- ✓ Exponents and Power (8)
- ✓ Linear Equation in one variable (9)
- ✓ Mensuration (8)
- ✓ Squares and Square Roots (8)
- ✓ Understanding Quadrilaterals (8)

IQ



- ✓ Blood Relation
- ✓ Coding-decoding
- ✓ Counting of Figure
- ✓ Cubes and Dice
- ✓ Direction Sense
- ✓ Embedded Figure
- ✓ Insert the missing Character
- ✓ Letter Series
- ✓ 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.

1st MCQ type | 2nd Integer type)

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

Medium & Duration Of Exam

Medium : English Only | Duration : 2 Hours