



TALLENTEX 2022

Syllabus & Pattern

(Stage-1)

Class X

Academic Session : 2021-22

PHYSICS



- ✓ Physics
- ✓ Reflection of Light (10)
- ✓ Refraction of Light (10)
- ✓ Human Eye and Colourful World (10)
- ✓ Force (9)
- ✓ Gravitation (9)
- ✓ Motion (9)
- ✓ Work Power and Energy (9)

CHEMISTRY



- ✓ Acid Bases, Salts (10)
- ✓ Chemical Reaction (10)
- ✓ Metal and Non-metal (10)
- ✓ Atom and molecules (9)
- ✓ Atomic Structure (9)

BIOLOGY



- ✓ Excretion (10)
- ✓ Nutrition (10)
- ✓ Respiration (10)
- ✓ Transportation (10)
- ✓ Tissue (9)
- ✓ Natural Resources (9)
- ✓ Why do we fall ill (9)

MATHEMATICS



- ✓ Real Number (10)
- ✓ Polynomial (10)
- ✓ Pair of Linear equations in two variable (10)
- ✓ Trigonometry (10)
- ✓ Similar Triangles (10)
- ✓ Probability (10)
- ✓ Circles (10)
- ✓ Co-ordinate geometry (10)
- ✓ Areas of Parallelograms and Triangles (9)
- ✓ Heron's Formula (9)
- ✓ Introduction Euclid's Geometry (9)
- ✓ Lines, Angles, Triangles- Congruency & similarity of triangles and Quadrilaterals (9)
- ✓ Polynomial (9)
- ✓ Statistics (9) ✓ Surface area and Volumes (9)

IQ



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|-----------------------|--------------------------|
| ✓ Blood Relation | ✓ Mathematical Operation |
| ✓ Calendar | ✓ Missing Character |
| ✓ Clock | ✓ Non-verbal Analogy |
| ✓ Coding and Decoding | ✓ Non-verbal Series |
| ✓ Counting Figure | ✓ Number Ranking |
| ✓ Cubes and Dice | ✓ Puzzle Test |
| ✓ Direction Sense | ✓ Sitting Arrangement |
| ✓ Embedded Figure | ✓ Syllogism |

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