



### SCIENCE

#### PHYSICS

- Sound
- Light
- Some Natural Phenomenon
- Motion
- Force and NLM
- Gravitation



#### CHEMISTRY

- Combustion and Flame
- Fossil Fuels (Coal, Petroleum and Natural Gas)
- Is Matter Around us Pure
- Matter in our surroundings



#### BIOLOGY

- Conservation of Plants and Animals
- Crop Production and Management
- Microorganisms - Friend and Foe
- Reproductions and Reaching the age of Adolescence
- Food Production and Management
- The Fundamental unit of life
- Tissues



### MATHEMATICS

- Algebraic Expression
- Identities & Factorisation
- Comparing Quantities
- Cubes and Cube Roots
- Direct and Inverse Proportions
- Exponents and Power
- Mensuration
- Squares and Square Roots
- Understanding Quadrilaterals
- Co-ordinate Geometry
- Number System
- Polynomial
- Linear Equation in one Variable
- Lines, Angles and Triangles

### APTITUDE & REASONING

- Blood Relation
- Coding-Decoding
- Counting of Figures
- Cubes and Dice
- Direction Senses
- Embedded Figure
- Puzzle Test
- Inserting the Missing Character
- Mathematical Operations
- Mirror Image
- Series
- Number Ranking
- Venn Design
- Water Image

### TARBIYAT/DEENI TALEEM

- Basic Islamic Studies
- Basics of Sunnat-e-Rasool

### Pattern of Offline and Online Exam Mode

#### Pattern of Questions :

60 Objective Type Questions  
MCQs of 4 Choices (single correct answer)

#### Marking Scheme :

+4 for correct answer  
(No Negative Marking For Wrong Answer)

#### Questions Distribution :

Physics-10, Chemistry-10, Biology-10, M-10,  
A/R-10, Deeni Taleem-10

**Medium :** English Only

**Duration :** 90 Min for ONLINE/OFFLINE both

**Online TEST :** It is compulsory to be logged in at least 30 minutes before commencement of test to avoid any technical issue.

**Offline TEST :** It is compulsory to take seat in Exam Hall at least 30 Minutes before commencement of test to fill OMR.