



Syllabus & Pattern

Class
8th

MATHS

- Rational Numbers
- Linear equations in one variable
- Understanding quadrilaterals
- Data handling
- Squares and square roots
- Cubes and cube roots
- Comparing quantities
- Algebraic expressions and algebraic identities

Reasoning

- Series
- Blood relation
- Directions test
- Number ranking and ordering test
- Sitting arrangement
- Coding decoding
- Mirror and water image

English

- Pronoun
- Adjective – Degrees of Comparison
- Adverb
- Preposition
- Tenses (Correct Form of the Verb)
- Determiners
- Modal Auxiliaries
- Passive Voice
- Reported Speech
- Number
- Gender
- Opposite
- One Word Substitution

Science

- **BIOLOGY**
 - Crop production and management
 - Microorganisms; friend and foe
 - Conservation of plant and animal
- **PHYSICS**
 - Force and pressure
 - Friction
- **CHEMISTRY**
 - Metals and non metals
 - Coal and petroleum

SST

- Resources
- Land, soil, water, natural vegetation and wildlife resources
- Industry
- The Indian constitution
- Understanding secularism
- Why do we need a parliament
- Understanding laws

EXAM PATTERN

Pattern of Questions
80 Objective Type Questions
MCQs of 4 choices (Single Correct Answer)

Marking Scheme
+2 For Correct Answer
(No Negative Marking)

Questions Distribution :
Reasoning : 15, Science : 20, S.St. – 15,
English - 15, Mathematics- 15,

Medium & Duration of Exam
Medium : Both Hindi and English
Duration : 02:00 Hrs