

Class - IX

Mathematics

- ✓ Squares and Square Roots
- ✓ Cubes and Cube Roots
- ✓ LCM and HCF
- ✓ Rational Exponents and Radicals
- ✓ Profit, Loss, and Discount
- ✓ Compound Interest
- ✓ Time and work
- ✓ Ratio and Proportion
- ✓ Algebraic Identities
- ✓ Polynomials
- ✓ Equation in one variable
- ✓ Parallel lines
- ✓ Quadrilaterals and special types of Quadrilaterals
- ✓ Triangle, Quadrilaterals,
- ✓ Circle and its parts
- ✓ Surface Areas and Volumes
- ✓ Cylinder, Cone, Sphere & Solids
- ✓ Statistics
- ✓ Frequency Table

Intelligence Test

- ✓ Analogy
- ✓ Classification
- ✓ Series
- ✓ Coding - Decoding
- ✓ Alphabetical Order of Words
- ✓ Ranking Test

- ✓ Mathematical Operations
- ✓ Blood Relations
- ✓ Direction Sense Test
- ✓ Logical Venn Diagram
- ✓ Clock and Calendar
- ✓ Sitting Arrangement
- ✓ Non - Verbal Intelligence

English

- ✓ Spotting Errors
- ✓ Clauses
- ✓ Active and Passive Voice
- ✓ Reported Speech
- ✓ Prepositions
- ✓ Tenses
- ✓ Articles
- ✓ Antonyms and Synonyms
- ✓ Rearrange jumbled words into sentences
- ✓ Adjective
- ✓ Adverb
- ✓ Comparative and Superlative Degrees
- ✓ Question Tags and Framing sentences

General Knowledge (Science & Social Studies)**Science :-**

- ✓ The Universe
- ✓ Soil & Air
- ✓ Structure of Atom
- ✓ Metals and non-metals

Career Defence School

- ✓ Carbon
- ✓ Cell structure and its functions
- ✓ Microorganisms
- ✓ Refraction of light
- ✓ Electricity and Magnetism
- ✓ Sources of Energy
- ✓ Common Diseases
- ✓ Food production and management

Social Studies:-

✓ India and the Modern world

- ✚ India in the 18th century
- ✚ The British Rule in India
- ✚ Policies and impact of British rule
- ✚ Revolt against British rule
- ✚ British administration in India after 1857
- ✚ Changes in Economic life
- ✚ Religion and Social reform movement
- ✚ Cultural awakening
- ✚ Struggle for Swaraj
- ✚ Nationalist Movement
- ✚ Achievements of Independence

✓ Civics

- ✚ Indian constitution
- ✚ Parliament
- ✚ Criminal Justice System
- ✚ Law and Social justice

Sainik School

- ✚ Secularism
- ✚ Secularism
- ✚ Development issues
- ✚ Globalization
- ✚ India and the United Nations
- ✚ United Nations- International agencies
- ✚ Foreign Policy of India
- ✚ India and its neighbors

✓ Geography

- ✚ Natural Disasters - Earthquake, Cyclone, Volcanoes, Floods
- ✚ Environmental degradation
- ✚ Natural resources - Land, Soil, Energy, Water, Minerals
- ✚ Plants and Wildlife
- ✚ Agriculture
- ✚ Manufacturing Industries
- ✚ Human Resources