



ARMY TRADESMEN

- **GENERAL KNOWLEDGE**
- **LOGICAL REASONING**
- **MATHEMATICS**
- **GENERAL SCIENCE**

GENERAL KNOWLEDGE

- ☐ India and its neighboring countries especially pertaining to History, Culture, Geography, and who's who.
- ☐ Abbreviations,
- ☐ Sports,
- ☐ Awards and Prizes,
- ☐ Terminology,
- ☐ Indian Armed Forces,
- ☐ Continents and Sub Continents,
- ☐ Inventions and Discoveries,
- ☐ The Constitution of India,
- ☐ International Organizations,
- ☐ Books and Authors,
- ☐ Knowledge of Important events that have happened in India and at the world level in recent years,
- ☐ Current important world events,
- ☐ Prominent personalities etc.

LOGICAL REASONING

The questions will be based on the logical ability of the candidates of age group ranging between 16 to 20 years



MATHEMATICS

- ▣ Number Systems: Computation of Whole Number,
- ▣ Decimal and Fractions,
- ▣ Relationship between numbers
- ▣ Fundamental Arithmetical Operations: HCF, LCM, Decimal fraction, Percentages, Ratio and Proportion, Square roots, Averages, Interest (Simple and Compound), Profit and Loss, Discount, Partnership Business, Time and distance, Time and work.
- ▣ Algebra: Basic algebraic problems
- ▣ Geometry: Familiarity with elementary geometric figures and facts.
- ▣ Mensuration,
- ▣ Triangle,
- ▣ Quadrilaterals,
- ▣ Regular Polygons,
- ▣ Circle etc
- ▣ Trigonometry,
- ▣ trigonometric ratios,
- ▣ complementary angles,
- ▣ height and distances etc.

GENERAL SCIENCE

- ▣ Fundamental and day to day activities related topics of Physics & Chemistry
- ▣ Biology: Difference between the living and non- living, basis of life - cells, protoplasm and tissues, growth and reproduction in plants and animals, elementary knowledge of the human body and its important organs, common epidemics, their causes and prevention etc.