

## SYLLABUS FOR AGNIVEER TRADESMEN 8TH

### 1. Pattern.

Ser No	Subject	Questions
<b>Agniveer Tradesmen 8<sup>th</sup></b>		
(a)	General Knowledge	15
(b)	Logical Reasoning	05
(c)	General Science	15
(d)	Maths	15

### 2. Syllabus.

(a) **General Knowledge.** The test will include questions relating to India and its neighboring countries especially pertaining to History, Culture, Geography and who's who. In addition Abbreviations, Sports, Awards and prizes, Terminology, Indian Armed Forces, Continents and Sub Continents, Inventions and Discoveries, the Constitution of Indian, International Organizations, Books and Authors, Knowledge of Important events that have happened in India and at world level in the recent years, Current important world events, Prominent personalities etc.

(b) **General Science.** Question of General Science will include topic related to Physics, Chemistry and Biology. Based on fundamentals and day to day activity (i.e difference between the living and non-living, basis of life- cells, protoplasm and tissues, growth and reproduction in plants and animals, elementary knowledge of human body and its important organs, common epidemics, their causes and prevention etc).

(c) **Mathematics.**

(i) **Number Systems.** Computation of Whole Number, Decimal and Fractions, Relationship between numbers.

(ii) **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.

(iii) **Algebra.** Basic algebraic problems.

(iv) **Geometry.** Familiarity with elementary geometric figures and facts.

(v) **Mensuration.** Triangle, Quadrilaterals, Regular Polygons, Circle etc.