

# **SCHEME & SYLLABUS**

## **DURWAN**

### **1. WRITTEN TEST :**

<b>SUBJECT</b>	<b>MAXIMUM MARKS</b>	<b>NUMBER OF QUESTIONS</b>	<b>DURATION</b>
General Intelligence (10 <sup>th</sup> Standard) (Objective Type)	25	25	2 Hours
General Awareness (10 <sup>th</sup> Standard) (Objective Type)	50	50	
English Language (10 <sup>th</sup> Standard) (Objective Type)	50	50	
Numerical Aptitude (10 <sup>th</sup> Standard) (Objective Type)	25	25	

### **SYLLABUS :-**

#### **I. GENERAL INTELLIGENCE :**

The questions will be of 10<sup>th</sup> Standard and would include questions of non-verbal type. The test may include questions on analogies, similarities and differences, space visualization, problem solving, analysis, judgement, decision making, visual memory, discrimination observation, relationship concepts, figure classification, arithmetical number series, non-verbal series. The test will also include questions designed to test the candidate's abilities to deal with abstract ideas and symbols and their relationship, arithmetical computation and other analytical functions.

#### **II. GENERAL AWARENESS :**

The questions will be of 10<sup>th</sup> Standard. Questions will be designed to test the ability of the candidate's general awareness of the environment around him and its application to society. Questions will also be designed to test knowledge of current events and of such matters of everyday observation and experience in their scientific aspects as may be expected of a 10<sup>th</sup> Standard educated person. The test will also include questions relating to India and its neighboring countries especially pertaining to Sports, History, Culture, Geography, Economic scene, General Polity including Indian Constitution, and Scientific Research etc. These questions will be such that, they do not require a special study of any discipline.

#### **III. ENGLISH LANGUAGE :**

The questions will be of 10<sup>th</sup> Standard. Candidate's understanding of the Basics of English language, its vocabulary, grammar, sentence structure, synonyms, antonyms and its correct usage, etc. and writing ability would be tested.

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**IV. NUMERICAL APTITUDE :**

This paper will include questions on problems relating to Number Systems, Computation of Whole Numbers, Decimals and Fractions and relationship between Numbers, Fundamental arithmetical operations, Percentages, Ratio and Proportion, Averages, Interest, Profit and loss, Discount, use of Tables and Graphs, Mensuration, Time and Distance, Ratio and Time, Time and Work etc. The questions will be of 10<sup>th</sup> Standard.

2. The number of candidates to be called for the measurement of physical standards & screening test on the basis of merit in the written test shall be in the ratio of 1:10 to the number of vacancies. The physical test & screening test are only of qualifying nature.

(a) **MEASUREMENT OF PHYSICAL STANDARDS (AS SPECIFIED IN THE SRO) :**

(b) **SCREENING TEST :**

Running of 100 metres in 15 seconds.

3. Final Grading will be decided based on marks obtained in Written Test subject to qualifying in the measurement of Physical standards & Screening test.