

HWB Stipendiary Trainee Exam Pattern

Stipendiary Trainee Category I, Technical Assistant

Part	Subjects	No. of Questions	Marks	Duration
A	Psychometric/ Aptitude/ General Knowledge	30	30	
B	Day to Day Science	20	20	2 hours
C	Specific to discipline	50	50	

Stipendiary Trainee Category II, Sub Officer, Nurse

Stage-1 Preliminary Test

No. Subjects	No. of Questions	Marks	Duration
1. Mathematics	20	60	
2. Science	20	60	1 hour
3. General Awareness	10	30	

Stage-2 Advanced Test

1. H.Sc (i.e. from PCM for Process Plant Operator/Chemical-Lab)	50	150	--
Respective Trade – for other disciplines			

Stenographer Grade-II, Grade III

No. Subjects	Type of Test
1. General English	
2. General Knowledge	
3. General Intelligence & Reasoning	Objective Type
4. Quantitative Aptitude (Arithmetic)	

Leve-2

1. Stenography Skill Test	Qualifying Criteria
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Driver (Ordinary Grade)

Level-1

No. Subjects	Type of Test
1. General Knowledge	
2. General English	
3. Arithmetic	Objective Type
4. Motor Vehicle Act	

Level-2

1. Driving Test Qualifying Criteria

Driver cum Pump Operator cum Fireman

Stage-1 Preliminary Test

No. Subjects	No. of Questions	Marks	Duration
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|----------------------|----|----|--------|
| 1. Mathematics | 20 | 60 | |
| 2. Science | 20 | 60 | 1 hour |
| 3. General Awareness | 10 | 30 | |

Stage-2 Advanced Test

1. Respective Trade 50 150 2 hours

Sub Officer Physical Assessment Test

1. 100 meters running
2. Able to lay 4 lengths of hoses each 15 m long from appliance
3. Climb on extension ladder of 10 m length and come down twice
4. Carry a person of approximately his own weight by Fireman's lift method over 25 m
5. Able to do Pushups
6. Running of 1.6 Km
7. Rope/ Vertical Pipe Climbing

HWB Stipendiary Trainee Exam Syllabus - Topic Wise

General Awareness

- Current events
- History of India
- Geography of India
- Indian Constitution
- Indian Polity
- Indian Economy
- Art & Culture
- Important days
- Science & Technology
- Awards and Honors
- Abbreviations
- Sports & Games
- Famous personalities

Mathematics

- Percentage
- Average
- Simplification
- Logarithm
- Integrals
- Trigonometry
- Probability
- Statistics
- Matrices
- Mensuration
- Quadratic Equations
- Time, Work, Distance
- Ratio & Proportion
- Arithmetical Problems
- Square & Cube Roots
- Decimals & Fractions
- Profit, Loss, Discount
- Simple & Compound Interest, etc

English

- Synonyms
- Antonyms
- Vocabulary
- Idioms & Phrases
- Para Jumbles
- Verbs, Tenses
- Active & Passive Voice
- Question Tags
- Comprehension
- Direct & Indirect Speech
- Simple, Compound, Complex
- Other Grammatical questions
- Sentence Correction
- Subject-Verb Agreement
- Phrase Replacements

Science

- Science in day to day life
- Nature of Universe
- General scientific laws
- Main concepts of life science
- Nutrition and Health
- Scientific facts and inventions
- Animal, Plants, Human Life

- Physiology and human diseases
- Computer science
- Physical World and measurement
- Environmental science
- Physics, Chemistry, Botany, Zoology
- Metals & Non Metals
- Work, Energy, and Power

Quantitative Aptitude (Arithmetic)

- Simplification
- Time & Distance
- Time & Work
- LCM & HCF
- Addition
- Subtraction
- Multiplication
- Division
- Exponents
- Percentage
- Average
- Ratio & Proportion
- Decimals & Fractions
- Computation of Whole numbers
- Profit & Loss, Discount
- Simple & Compound Interest
- Factorization
- Square & Cube roots
- Algebra
- Trigonometry
- Use of Table & Graphs
- Mensuration

General Intelligence and Reasoning

- Analogies
- Seating Arrangement
- Similarities & Differences
- Logical reasoning
- Order and Ranking
- Coding & Decoding
- Data Sufficiency
- Non Verbal series
- Problem Solving
- Decision Making
- Syllogism

- Critical Thinking
- Puzzles
- Arithmetic Number Series
- Relationship concepts
- Venn Diagrams
- Clock & Calendar
- Statement & Conclusion
- Statement & Assumptions
- Statement & Argument

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