

## BARC Stipendiary Trainee Exam Pattern

### Stage- I Prelims

S.No	Exam Type	Subjects	No of Questions	Time Duration
1		Mathematics	20	
2	Screening Test	Science	20	
3		General Awareness	10	
		<b>Total</b>	<b>50</b>	<b>1 Hrs</b>

### Stage – II Advanced Test

S.No	Exam Type	Subjects	No of Questions	Time Duration
1	Screening Test	Questions belong to their Respective Trade	50	1 Hrs

### Stage – III is a skill test

Skill Test will be based on the Go/No-Go basis.

## BARC Stipendiary Trainee Syllabus - Topic Wise

### Mathematics:

- Permutation and Combination.
- Problems on H.C.F and L.C.M.
- Height and Distance.
- Banker's Discount.
- Decimal Fraction.
- Area.
- Square Root and Cube Root.
- Problems on Ages.
- Simple Interest.
- Boats and Streams.
- Volume and Surface Area.
- Ratio and Proportion.
- Time and Work.
- Races and Games.
- Time and Distance.
- Pipes and Cistern.

- Allegation or Mixture.
- Probability.
- Average.
- Compound Interest.
- Chain Rule.
- Surds and Indices.
- Simplification.
- Numbers.
- Partnership.
- Logarithm.
- Stocks and Share.

### **General Awareness:**

- Artists.
- Rivers, Lakes and, Seas.
- Indian Politics.
- Heritage.
- Tourism.
- Current Affairs.
- Famous Books & Authors.
- Biology.
- Environmental Issues.
- Geography.
- Countries and Capitals.
- Literature.
- Sports.
- Civics.
- Indian History.
- Famous Days & Dates.
- General Science.
- Inventions and Discoveries.
- Indian Parliament.
- Famous Places in India.
- Indian Economy.

### **Science:**

- Computer Networks
- Web technologies
- Digital Logic
- Databases
- Information Systems and Software Engineering
- Computer Organization and Architecture
- Programming and Data Structures
- Algorithms
- Theory of Computation
- Compiler Design

JobsChat.in