



**ACE**<sup>®</sup>  
Engineering Academy  
Leading Institute for ESE/GATE/PSUs



# Railway Recruitment Boards Junior Engineer-2024

## *Online* Test Series

### Stage-I(Common for all) - Schedule

<b>No.of Tests : 20</b>	
<b>Subject + Multi Subject wise Tests</b>	<b>14</b>
<b>Full Length Mock Tests</b>	<b>6</b>

**Note:**

- ★ The Syllabus considered as per Notifications of RRB. ACE Engineering Academy does not take any responsibility for deviations in syllabus in the final RRB exam. As per Notification of RRB each question carries '1' mark and negative marking of 1/3rd (i.e. 0.33 Marks) for each wrong answer.
- ★ The Dates of Tests may Change according to the RRB-JE-2024 Exam schedule.
- ★ All Tests will be active till RRB-JE-2024 Examination.
- ★ Tests will be activated at 06:00 pm on the scheduled day.
- ★ Test series available in ENGLISH medium only.

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## Subject-wise Tests

(No. of Questions: 30, Time duration: 27 Minutes and Max Marks: 30 M)

Test No	Name of the Test	Date of Activation
Test-01	<b>Mathematics-01:</b> Number systems, BODMAS, Decimals, Fractions, LCM and HCF, Ratio and Proportion, Percentages, Mensuration, Time and Work, Time and Distance,	12-08-2024
Test-02	<b>General Intelligence and Reasoning-01:</b> Analogies, Alphabetical and Number Series, Coding and Decoding, Mathematical operations, Relationships, Syllogism, Jumbling, Venn Diagram, etc.	15-08-2024
Test-03	<b>General Awareness-01:</b> Knowledge of Current affairs, Environmental issues concerning India and the World, Sports, General Scientific and technological developments, etc.	18-08-2024
Test-04	<b>General Science-01:</b> Physics	21-08-2024
Test-05	<b>Mathematics-02:</b> Simple and Compound Interest, Profit and Loss, Algebra, Geometry, Trigonometry, Elementary Statistics, Square Root, Age Calculations, Calendar & Clock, Pipes & Cistern.	24-08-2024
Test-06	<b>General Intelligence and Reasoning-02:</b> Data Interpretation and Sufficiency, Conclusions and Decision Making, Similarities and Differences, Analytical reasoning, Classification, Directions, Statement – Arguments and Assumptions etc.	27-08-2024
Test-07	<b>General Awareness-02:</b> Indian geography, culture and history of India including freedom struggle, Indian Polity and constitution, Indian Economy, etc.	30-08-2024
Test-08	<b>General Science-02:</b> Chemistry and Life Sciences	02-09-2024

## Multi-Subject-wise Tests

(No. of Questions: 30, Time duration: 27 Minutes and Max Marks: 30 M)

Test-09	Mathematics & General Intelligence and Reasoning	05-09-2024
Test-10	General Awareness & General Science	08-09-2024
Test-11	Mathematics & General Awareness	11-09-2024
Test-12	General Intelligence and Reasoning & General Science	14-09-2024
Test-13	Mathematics & General Science	17-09-2024
Test-14	General Intelligence and Reasoning & General Awareness	20-09-2024

## Full Length Mock Test Series

(No. of Questions: 100, Time duration: 90 Minutes and Max Marks: 100)

Test-15	Full Length Mock Test-01	25-09-2024
Test-16	Full Length Mock Test-02	30-09-2024
Test-17	Full Length Mock Test-03	05-10-2024
Test-18	Full Length Mock Test-04	10-10-2024
Test-19	Full Length Mock Test-05	15-10-2024
Test-20	Full Length Mock Test-06	15-11-2024

## Syllabus for STAGE-I (Common for all)

<b>Mathematics</b>	Number systems, BODMAS, Decimals, Fractions, LCM and HCF, Ratio and Proportion, Percentages, Mensuration, Time and Work, Time and Distance, Simple and Compound Interest, Profit and Loss, Algebra, Geometry, Trigonometry, Elementary Statistics, Square Root, Age Calculations, Calendar & Clock, Pipes & Cistern.
<b>General Intelligence and Reasoning</b>	Analogies, Alphabetical and Number Series, Coding and Decoding, Mathematical operations, Relationships, Syllogism, Jumbling, Venn Diagram, Data Interpretation and Sufficiency, Conclusions and Decision Making, Similarities and Differences, Analytical reasoning, Classification, Directions, Statement – Arguments and Assumptions etc.
<b>General Awareness</b>	Knowledge of Current affairs, Indian geography, culture and history of India including freedom struggle, Indian Polity and constitution, Indian Economy, Environmental issues concerning India and the World, Sports, General Scientific and technological developments etc.
<b>General Science</b>	Physics, Chemistry and Life Sciences (up to 10th Standard CBSE syllabus).

The section wise Number of questions and marks are as below:

Subjects	STAGE-I (CBT-I)	
	No. of Questions	Marks for each Section
<b>Mathematics</b>	<b>30</b>	<b>30</b>
<b>General Intelligence &amp; Reasoning</b>	<b>25</b>	<b>25</b>
<b>General Awareness</b>	<b>15</b>	<b>15</b>
<b>General Science</b>	<b>30</b>	<b>30</b>
<b>Total</b>	<b>100</b>	<b>100</b>
<b>Time in Minutes</b>	<b>90</b>	

\* The section wise distribution given in the above table is only indicative and there may be some variations in the actual question papers.