



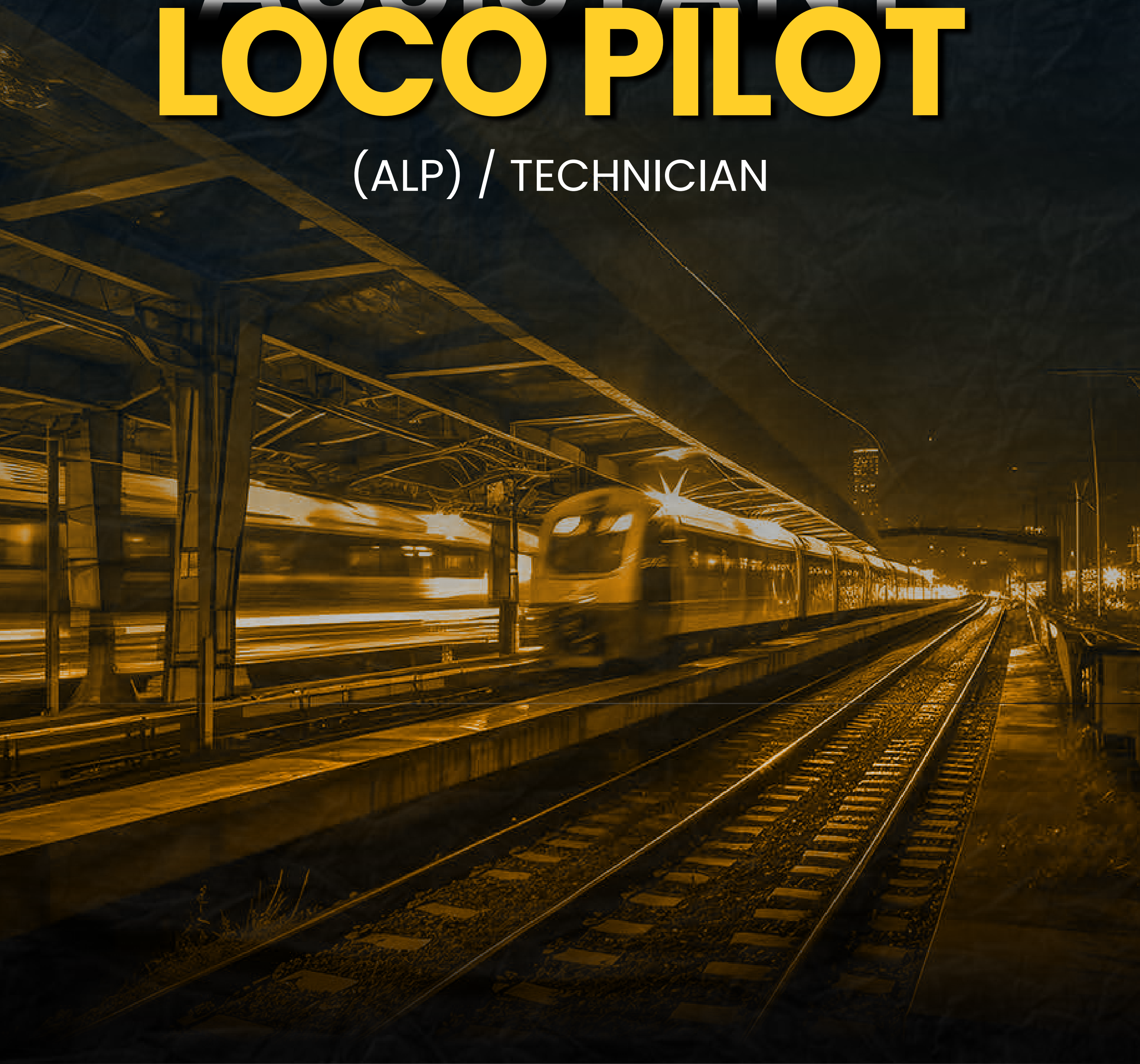
**ENTRI**

1 Crore User Downloads

TENTATIVE SYLLABUS OF  
RAILWAY RECRUITMENT BOARD (RRB)

# ASSISTANT LOCO PILOT

(ALP) / TECHNICIAN



# COMPUTER BASED TEST (CBT) - 1

Duration : 60 minutes, No of Questions: 75

## ✔ **MATHEMATICS**

Number system, BODMAS, Decimals, Fractions, LCM, HCF, Ratio and Proportion, Percentages, Mensuration, Time and Work; Time and Distance, Simple and Compound Interest, Profit and Loss, Algebra, Geometry and Trigonometry, Elementary Statistics, Square Root, Age Calculations, Calendar & Clock, Pipes & Cistern etc.

## ✔ **GENERAL INTELLIGENCE AND REASONING**

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.

## ✔ **GENERAL AWARENESS**

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.

## ✔ **GENERAL SCIENCE**

Physics, Chemistry and Life Sciences (up to 10th Standard CBSE syllabus).

# **COMPUTER BASED TEST (CBT) - 2**

Duration: 2 hours and 30 Minutes , No of Questions: 175

## **PART - A**

Duration: 60 Minutes , No of Questions: 75

## ✔ **MATHEMATICS**

Number system, BODMAS, Decimals, Fractions, LCM, HCF, Ratio and Proportion, Percentages, Mensuration, Time and Work; Time and Distance, Simple and Compound Interest, Profit and Loss, Algebra, Geometry and Trigonometry, Elementary Statistics, Square Root, Age Calculations, Calendar & Clock, Pipes & Cistern etc.

## ✔ **GENERAL INTELLIGENCE AND REASONING**

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.

## ✔ **BASIC SCIENCE AND ENGINEERING**

The broad topics that are covered under this shall be Engineering Drawing (Projections, Views, Drawing Instruments, Lines, Geometric figures, Symbolic Representation), Units, Measurements, Mass Weight and Density, Work Power and Energy, Speed and Velocity, Heat and Temperature, Basic Electricity, Levers and Simple Machines, Occupational Safety and Health, Environment Education, IT Literacy etc.

## ✔ **GENERAL AWARENESS**

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.

## **PART - B**

### **Relevant Trade**

**Duration: 60 Minutes , No of Questions: 75**

The relevant trades for various engineering discipline/HSC (10+2) for appearing in the qualifying test is as below:

<b>Sl No</b>	<b>Engineering Discipline (Diploma/Degree)</b>	<b>Relevant trade for PART B Qualifying Test to be selected from</b>
1	Electrical Engineering and combination of various streams of Electrical Engineering	Electrician
2	Electronics Engineering and combination of various streams of Electronics Engineering	Electronics Mechanic
3	Mechanical Engineering and combination of various streams of Mechanical Engineering	Fitter / Mechanic Motor Vehicle / Mechanic Diesel
4	Automobile Engineering and combination of various streams of Automobile Engineering	Mechanic Motor Vehicle / Mechanic Diesel
5	HSC (10+2) with Physics and Maths	Electrician / Electronics Mechanic

# COMPUTER BASED APTITUDE TEST (CBAT)

(Only for candidates who have opted for ALP)

- Minimum Qualifying Marks for this stage are 42 marks in each of the test batteries, irrespective of the category.
- The CBAT shall have questions and answer options only in English and Hindi.
- There shall be no negative marking in CBAT.
- The merit list of RRB ALP will be shortlisted as 70% weightage will be allotted to the marks obtained in Part A of the second stage of CBT (CBT -2) and 30% weightage will be for the marks obtained in CBAT.

**The expected test batteries are;**

• Memory Test Battery	• Depth Perception Test Battery
• Concentration Test Battery	• Perceptual Speed Test Battery
• Following the Directions Test Battery	

**NOTE: - It may be noted that apart from the topics detailed above, questions from other topics prescribed for the educational qualification of the post may also appear in the question paper. There is no undertaking that all the topics above may be covered in the question paper**

THANK YOU



GET IT ON  
Google Play