

## **AAI Junior Assistant Syllabus**

### **AAI Junior Assistant Recruitment General Knowledge Syllabus**

- Sports
- Basic GK
- Inventions in the World
- Indian Politics
- Indian Culture
- Basic Computer
- Famous Days & Dates
- Famous Books & Authors
- Indian Parliament
- Physics
- Indian History
- Indian Economy
- Botany
- Chemistry
- Geography
- Zoology
- Environment

### **AAI Junior Assistant General Intelligence Syllabus**

- Analogies.
- Problem Solving.
- Spatial Orientation.
- Space Visualization
- Relationship Concepts.
- Coding and Decoding.
- Arithmetical Reasoning.
- Analysis.
- Decision Making.
- Visual Memory.
- Figural Classification.
- Arithmetic Number Series.
- Statement Conclusion

## **Airport Authority India Junior Assistant Aptitude Syllabus**

- Areas
- Time and Distance
- Simple Interest
- Probability
- Averages
- Problems on L.C.M and H.C.F
- Problems on Numbers
- Pipes and Cisterns
- Time and Work Partnership
- Problems on Trains
- Odd Man Out
- Numbers and Ages
- Ratio and Proportion
- Races and Games
- Mixtures and Allegations
- Boats and Streams
- Compound Interest
- Mensuration
- Percentages
- Permutations and Combinations
- Simplification and Approximation
- Volumes Profit and Loss
- Simple Equations
- Quadratic Equations
- Indices and Surds

## **AAI Openings General English Syllabus**

- Substitution
- Synonyms
- Error Correction (Phrase in Bold)
- Error Correction (Underlined Part)
- Antonyms
- Sentence Completion
- Para Completion
- Spelling Test
- Joining Sentences
- Fill in the blanks
- Spotting Errors
- Passage Completion
- Sentence Arrangement

- Prepositions
- Transformation
- Active and Passive Voice
- Idioms and Phrases
- Sentence Improvement

### **Airport Authority India Posts Automobile Syllabus**

- Aeronautics Engineering.
- Body Building Engineering.
- Industrial Management and Road Transport Organization.
- Alternate Fuels and Energy Systems.
- Mechanical Testing and Quality Control.
- Industrial Automation.
- Manufacturing Technology.
- The Strength of Materials.
- Automobile Engines.
- Automobile Transmission.
- Heat Power Engineering.
- Tractor and Farm Equipment.
- Computer Integrated Manufacturing.
- Industrial Robotics.
- Automobile Maintenance.
- Two and Three Wheeler Technology.

### **AAI Junior Assistant Mechanical Syllabus**

- The Strength of Materials.
- Theory of Machines.
- Automobile Engineering.
- Fluid Mechanics
- Thermodynamics
- Heat Engines.
- Manufacturing Technology.
- Structural Engineering.
- Hydraulics.
- Industrial Engineering & Management etc.

### **AAI Jr Assistant Fire Syllabus**

- Fundamental of Fire Engineering Science.
- Fire Control Technology.
- Fire Fighting

- Industrial Safety.
- Environmental Safety.
- Fire Tech & Design.
- Construction Safety.
- Safety of People in the event of Fire.
- Fire Risk Assessment.