

## AAI ATC SYLLABUS 2023

|                   |   |
|-------------------|---|
| Organisation      | Airports Authority of India (AAI)   |
| Posts             | Junior Executive  |
| Department        | Air Traffic Control   |
| Category          | Syllabus & Exam Pattern   |
| Mode of exam      | Online  |
| Marking scheme    | 1 mark for each   |
| Negative Marking  | No  |
| Selection Process | Driving Test/Endurance Test & Physical Measurement/Application Verification, Online Examination/Computer Literacy Test, as Applicable for the post. |
| Official Website  | <a href="https://aai.aero/">https://aai.aero/</a>   |

## AAI ATC JE Exam Pattern 2023

- There are 150 questions in total across the two sections of the AAI ATC Exam for Junior Executive Posts.
- The AAI ATC JE Exam takes 2 hours to complete in total (120 minutes).
- The AAI ATC Junior Executive Exam has no negative Marking.
- The marking scheme for each subject is covered below.

## AAI ATC EXAM PATTERN 2023

| Part          | Subject                               | No. Of Questions | Marks | Duration    |
|---------------|---------------------------------------|------------------|-------|-------------|
| <b>PART A</b> | General Knowledge & General Awareness | 10               | 10    | 120 Minutes |
|               | English Language & Comprehension      | 20               | 20    |             |
|               | General Aptitude & Numerical Aptitude | 15               | 15    |             |
|               | General intelligence & Reasoning      | 15               | 15    |             |
| <b>PART B</b> | Maths                                 | 30               | 30    |             |
|               | Physics                               | 30               | 30    |             |
| <b>Total</b>  |                                       | 150              | 150   |             |

## AAI ATC PAPER 1

| Subject                 | Topic                                 |
|-------------------------|---------------------------------------|
| <b>English Language</b> | 1. Reading Comprehension              |
|                         | 2. Cloze Test                         |
|                         | 3. Detection of Errors                |
|                         | 4. Improving Sentences and paragraphs |
|                         | 5. Completion of paragraphs           |
|                         | 6. Para jumbling                      |
|                         | 7. Fill in the blanks                 |
|                         | 8. Parts of speech                    |
|                         | 9. Modes of narration                 |
|                         | 10. Prepositions                      |
|                         | 11. Voice Change.                     |

### **Reasoning Ability**

1. Seating Arrangement,
2. Syllogism,
3. Blood Relations,
4. Puzzles,
5. Inequalities,
6. Input-Output,
7. Coding-Decoding
8. Data Sufficiency,
9. Order and Ranking,
10. Alphanumeric Series,
11. Distance and Direction,
12. Verbal and Non Verbal Reasoning.

### **General knowledge**

1. Nation & International Affairs
2. Current Affairs
3. Important Headquarters & Their Organisation
4. Books & Author
5. Awards
6. Countries & Capital
7. Currencies & Capitals
8. Sports Entertainment
9. Government Rules & Schemes
10. Economy

### **General Aptitude**

1. Data Interpretation
2. Area & volume
3. Simple interest & compound Interest
4. Time, Distance & Speed
5. Time & Work
6. Ratio & Proportion
7. Profits and Loss
8. Percentage
9. Averages
10. Numbers

## **AAI ATC PAPAER 2**

**Subject**

**Topic**

## Physics

1. Electricity
2. Modern Physics
3. Mechanics
4. Moving Charges with Magnetism
5. Electrostatics
6. Waves and Optics
7. Scalars and Vectors
8. Thermal Physics
9. Miscellaneous

## Maths

1. Quadratic Equations
2. Probability
3. Differential Equations
4. Integral (Definite & Indefinite)
5. Maxima & Minima
6. Differentiation
7. Limits
8. Matrices
9. Straight Lines
10. Binomial Theorem

## Tips on planning the Preparation Strategy for AAI ATC

### Note-Taking

#### Method:

- Use unlined paper for taking notes as it can be updated easily and moved around without folding them. Unbound and perforated sheets can easily be attached to reference books like post-it notes.

### Subject-Specific

#### Notes:

- Write a different notebook for every subject such as Physics and Maths among others. This segregation will help one locate the necessary details.

### Topic-Specific

#### Features:

- List down a few points for each item/topic under AAI ATC syllabus. This specific approach would help understand as well as remember vital ideas.

### Newspaper

#### Reading:

- Keep updated with latest happenings, go through region-oriented reading material regularly to enhance overall information bank. The

incorporation of this practice will be advantageous in several areas with regard to the AAI ATC exam.

## Best AAI ATC 2023 Reference Books

### AAI ATC Books: Physics And Mathematics

| Name of the Book                     | Author   | Publisher    |
|--------------------------------------|--|--------------|
| Mathematics                          | Quantitative Aptitude for Competitive Examinations | Abhijit Guha |
| Basic Physics: A Self-Teaching Guide | Karl F Kuhn  | Wiley        |
| NCERT Class 11th And 12th            | NCERT  | NCERT        |

### AAI ATC Books: General Knowledge

| Name of the Book       | Author      | Publisher       |
|------------------------|-------------|-----------------|
| General Knowledge 2023 | –           | Arihant Experts |
| General Knowledge      | Vinay Karna | Lucent          |

### AAI ATC Books: English Language

| Name of the Book                            | Author          | Publisher       |
|---|-----------------|-----------------|
| Objective General English                   | S P Bakshi      | Arihant Experts |
| High School English Grammar and Composition | Wren and Martin | S Chand         |

### AAI ATC Books: Numerical Ability

| <b>Name of the Book</b>                           | <b>Author</b> | <b>Publisher</b>            |
|---|---------------|-----------------------------|
| Fast Track Objective Arithmetic                   | Rajesh Verma  | Arihant Publication         |
| Quantitative Aptitude                             | R.S Aggarwal  | S. Chand                    |
| Quantitative Aptitude For Competitive Examination | R.K Tyagi     | MTG Learning Media (P) Ltd. |

### **AAI ATC Books: Reasoning Ability**

| <b>Name of the Book</b>                              | <b>Author</b> | <b>Publisher</b> |
|--|---------------|------------------|
| A Modern Approach to Logical Reasoning               | R.S. Aggarwal | S Chand          |
| A Modern Approach to Verbal and Non Verbal Reasoning | R.S. Aggarwal | S Chand          |