

## **HSSC JE Syllabus 2019**

### **Haryana Staff Selection Commission Junior Engineer Syllabus (All Subjects)**

Haryana Staff Selection Commission tests candidates in the following topics-

1. General Studies
2. General Abilities

\*General Abilities covers all topics like **Reasoning, General Awareness, English, Aptitude, Civil & Electrical**

### **HSSC Junior Engineer Syllabus for General Studies**

1. Environmental Issues like Disaster Management, Prevention and Mitigation Strategies & Sustainable Development.
2. Economic & Social Development of Haryana and India.
3. Socio-economic, Political & Cultural History of Haryana.
4. Moral Values and Professional Ethics in Education and education system.
5. Current Affairs covers Regional, National & International (Neighboring countries).
6. Indian Constitution, Political System, Governance and Public Policy.
7. Social Exclusion.
8. Human Rights issues like Gender, Caste, Tribe, Disability etc.
9. General Science.
10. India's Achievements in Science & Technology.

### **HSSC JE Syllabus for General Abilities**

## **Reasoning**

- Analogies
- Similarities
- Space Visualization
- Problem-solving
- Analysis
- Judgment
- Decision making
- Visual memory
- Discrimination
- Observation
- Relationship concepts
- Arithmetical reasoning
- Verbal and figure classification
- Arithmetical number series

## **General Awareness**

- Current Events
- Sports, History
- Culture, Geography
- Economics
- General Polity
- Indian Constitution
- Scientific Research etc.

## **English**

- Pronouns.
- Active and Passive voice.
- Noun.
- Subject-verb Agreement.
- Articles.
- Direct & Indirect speech.
- Tenses.
- Types of sentences.
- Connectors.
- Unseen passage.
- Prepositions.
- Verbs.

## **Aptitude**

- Discount.
- Circle and its chords.
- Graphs of Linear Equations.
- Averages.
- Mixture
- Trigonometric ratio.
- Quadrilaterals.
- Percentages.
- Time & work.
- Regular Polygons.
- Interest
- Square roots.
- Ratio and Proportion.
- Profit & Loss.
- Standard Identities
- Time and distance.

## **HSSC JE Civil Syllabus 2019**

1. Environmental Engineering
2. Soil Mechanics
3. Foundation Engineering
4. Surveying
5. Structural Engineering
6. Water Resources Engineering
7. Transportation Engineering

## **HSSC JE Electrical Syllabus 2019**

1. Power Electronics & Drives.
2. Digital Signal Processing.
3. Electrical Circuits and Fields.
4. Digital Electronics.
5. Control Systems.
6. Power Systems.
7. Communication Engineering.
8. Computer Control of Processes, Networks.
9. Electrical Machines.

