



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



# Hindustan Petroleum Corporation Limited Junior Executive-2026

## *Online* Test Series

Electrical Engineering-Schedule

**4 Full Length Mock Tests**

**Note:**

- ❖ The Syllabus considered as per Notification of HPCL. ACE Engineering Academy does not take any responsibility for deviations in syllabus in the final HPCL JE exam. As per Notification of HPCL each question carries '1' marks and negative marking of '0.25' for each wrong answer.
- ❖ The Dates of Mock Tests may Change according to the HPCL-2026 Exam schedule.
- ❖ Tests will be activated at 6:00 pm on scheduled day.
- ❖ All tests will be Active upto HPCL JE-2026 Examination.

# Full Length Mock Tests

(No. of Questions: 170, Max Marks: 170 and Time duration: 150 Minutes)

Test No	Name of the Mock	Date of Activation
Test-01	Full Length Mock Test-01	28-03-2026
Test-02	Full Length Mock Test-02	04-04-2026
Test-03	Full Length Mock Test-03	11-04-2026
Test-04	Full Length Mock Test-04	18-04-2026

## SYLLABUS

1. Introduction to Electric Generation Systems
2. Electrical Circuits
3. Electrical and Electronic Measurements
4. Electric Motors and Transformers
5. Renewable Energy Power Plants
6. Fundamentals of Power Electronics
7. Electric Power Transmission and Distribution
8. Induction, Synchronous and FHP Machines
9. Microcontroller Applications
10. Energy Conservation and Audit
11. Building Electrification

## Scheme of Examination

Exam Paper	No. of Questions	Marks	Duration (in min)
Junior Executive: Mechanical and Electrical	85 MCQs: General Aptitude 85 MCQs: Technical/ Professional Knowledge	General Aptitude (MCQ): 1 mark per question Technical/ Professional Knowledge (MCQ): 1 mark per question  0.25 marks will be deducted for every incorrect answer to MCQs	150