



ACE[®]
Engineering Academy
Leading Institute for ESE/GATE/PSUs

STAFF SELECTION COMMISSION
JUNIOR ENGINEER(Paper-I) EXAMINATION-2022

***Online* Test Series**

Mechanical Engineering - Schedule

| | |
|-------------------------------|-----------|
| No.of Tests : 20 | |
| Subject Wise Tests | 16 |
| Full Length Mock Tests | 4 |

Note:

- ❖ The Syllabus considered as per SSC. ACE Engineering Academy does not take any responsibility for deviations in syllabus in the final SSC exam. As per previous year Notification of SSC each question carries '1' mark and negative marking of 1/4th (i.e. 0.25 Marks) for each wrong answer.
- ❖ The Dates of above Tests may Change according to the SSC-JE Exam schedule.
- ❖ Tests will be activated at 6:00 pm on scheduled day.
- ❖ All tests will be Active upto SSC-JE-2022 Examination.

Subject-wise Tests

(No. of Questions: 50, Time duration: 30 Minutes and Marks: 50 M)

| Test No | Name of the Test | Date of Activation |
|---------|---|--------------------|
| Test-01 | General Intelligence and Reasoning-1 | 03-08-2022 |
| Test-02 | General Awareness-1 | 06-08-2022 |
| Test-03 | Theory of Machines | 13-08-2022 |
| Test-04 | Machine Design and Engineering Mechanics | 20-08-2022 |
| Test-05 | General Intelligence and Reasoning-2 | 27-08-2022 |
| Test-06 | General Awareness-2 | 28-08-2022 |
| Test-07 | Strength of Materials | 03-09-2022 |
| Test-08 | Properties of Pure Substances, 1st Law of Thermodynamics, 2nd Law of Thermodynamics. | 10-09-2022 |
| Test-09 | General Intelligence and Reasoning-3 | 15-09-2022 |
| Test-10 | General Awareness-3 | 16-09-2022 |
| Test-11 | Air standard Cycles for IC Engines, IC Engine Performance, IC Engines Combustion, IC Engine Cooling & Lubrication. | 17-09-2022 |
| Test-12 | Rankine cycle of System, Boilers, Classification, Specification, Fitting & Accessories, Air Compressors & their cycles, Refrigeration cycles, Principle of Refrigeration Plant, Nozzles & Steam Turbines. | 24-09-2022 |
| Test-13 | General Intelligence and Reasoning-4 | 29-09-2022 |
| Test-14 | General Awareness-4 | 30-09-2022 |
| Test-15 | Properties & Classification of Fluids, Fluid Statics, Measurement of Fluid Pressure, Fluid kinematics, Dynamics of Ideal fluids, Measurement of Flow rate, basic principles, Hydraulic Turbines, Centrifugal Pumps. | 01-10-2022 |
| Test-16 | Production Engineering | 08-10-2022 |

Full Length Mock Test Series

(No. of Questions: 200, Time duration: 120 Minutes and Marks: 200 M)

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|---------|-------------------------|------------|
| Test-17 | Full Length Mock Test-1 | 22-10-2022 |
| Test-18 | Full Length Mock Test-2 | 29-10-2022 |
| Test-19 | Full Length Mock Test-3 | 05-11-2022 |
| Test-20 | Full Length Mock Test-4 | 12-11-2022 |