



**ACE**  
Engineering Academy  
(Leading institute for ESE/GATE/PSUs)





# SSC-JE (Paper-I)

## Online Test Series

Staff Selection Commission - Junior Engineer

## MECHANICAL ENGINEERING

**No. of Tests : 20**

 Subject Wise Tests	16
 Full Length Mock Tests	4

**All tests will be available till 27<sup>th</sup> September 2019.**

### TEST SERIES HIGHLIGHTS

- ★ Rank will be given for each test.
- ★ Test wise and overall statistics.
- ★ Comparison with toppers.
- ★ Question wise and test wise time analysis & comparison with toppers on time management.

## Subject-wise Tests

*Tests will be activated at 6:00 pm on scheduled day*

Test No	Subject Name	No. of Questions	Max Marks	Duration	Date of Activation
1	General Intelligence and Reasoning-1	50	50	30 Min	10-07-2019
2	General Awareness-1	50	50	30 Min	11-07-2019
3	Theory of Machines	50	50	30 Min	14-07-2019
4	Machine Design and Engineering Mechanics	50	50	30 Min	17-07-2019
5	General Intelligence and Reasoning-2	50	50	30 Min	19-07-2019
6	General Awareness-2	50	50	30 Min	20-07-2019
7	Strength of Materials	50	50	30 Min	23-07-2019
8	Properties of Pure Substances, 1st Law of Thermodynamics, 2nd Law of Thermodynamics.	50	50	30 Min	26-07-2019
9	General Intelligence and Reasoning-3	50	50	30 Min	28-07-2019
10	General Awareness-3	50	50	30 Min	29-07-2019
11	Air standard Cycles for IC Engines, IC Engine Performance, IC Engines Combustion, IC Engine Cooling & Lubrication.	50	50	30 Min	01-08-2019
12	Rankine cycle of System, Boilers, Classification, Specification, Fitting & Accessories, Air Compressors & their cycles, Refrigeration cycles, Principle of Refrigeration Plant, Nozzles & Steam Turbines.	50	50	30 Min	04-08-2019
13	General Intelligence and Reasoning-4	50	50	30 Min	06-08-2019
14	General Awareness-4	50	50	30 Min	07-08-2019
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.	50	50	30 Min	10-08-2019
16	Production Engineering	50	50	30 Min	13-08-2019

## Full Length Mock Tests

Test No	Mock codes	No. of Questions	Max Marks	Duration	Date of Activation
17	Full Length Mock Test-1	200	200	2 Hours	26-08-2019
18	Full Length Mock Test-2	200	200	2 Hours	04-09-2019
19	Full Length Mock Test-3	200	200	2 Hours	12-09-2019
20	Full Length Mock Test-4	200	200	2 Hours	18-09-2019

**Note:** The Syllabus considered as per Notifications of SSC. ACE Engineering Academy does not take any responsibility for deviations in syllabus in the final SSC exam. As per Notification of SSC each question carries '1' mark and negative marking of 1/4th (i.e. 0.25 Marks) for each wrong answer.