



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



ESE-2024(Prelims)

Offline Test Series

Mechanical Engineering

No.of Tests: 24
(Grand Test: 20 and Mock Tests: 4)

Paper-I (General Studies and Engineering Aptitude)

No.of Tests: 12 (Grand Test: 10 and Mock Tests: 2)

Paper-II (Mechanical Engineering)

No.of Tests: 12 (Grand Test: 10 and Mock Tests: 2)

Starts from: 11th November 2023

Test Series will be conducted at: HYDERABAD | PUNE | DELHI

Grand Tests

Date	Test No	Subject Name	Paper	Time	No. of Questions	Max Marks
11-11-2023 (SATURDAY)	Test-1	Engineering Mechanics and Strength of Materials + Engineering Materials	Paper-II	4 pm to 5.30 pm	75	150
	Test-2	Ethics and values in Engineering profession	Paper-I	5.45 pm to 6.45 pm	50	100
18-11-2023 (SATURDAY)	Test-3	Fluid Mechanics + Turbo Machinery	Paper-II	4 pm to 5.30 pm	75	150
	Test-4	General Principles of Design, Drawing, Importance of Safety	Paper-I	5.45 pm to 6.45 pm	50	100
25-11-2023 (SATURDAY)	Test-5	Manufacturing , Industrial and Maintenance Engineering + Mechatronics and Robotics	Paper-II	4 pm to 5.30 pm	75	150
	Test-6	Basics of Energy and Environment	Paper-I	5.45 pm to 6.45 pm	50	100
02-12-2023 (SATURDAY)	Test-7	Mechanisms and Machines + Design of Machine Elements	Paper-II	4 pm to 5.30 pm	75	150
	Test-8	Basics of Material Science and Engineering	Paper-I	5.45 pm to 6.45 pm	50	100
09-12-2023 (SATURDAY)	Test-9	Thermodynamics and Heat transfer + Renewable Sources of Energy	Paper-II	4 pm to 5.30 pm	75	150
	Test-10	Information and Communication Technologies (ICT)	Paper-I	5.45 pm to 6.45 pm	50	100
16-12-2023 (SATURDAY)	Test-11	IC Engines, Refrigeration and Air conditioning + Power Plant Engg.	Paper-II	4 pm to 5.30 pm	75	150
	Test-12	Standards and Quality practices in production, construction, maintenance and services	Paper-I	5.45 pm to 6.45 pm	50	100

Date	Test No	Subject Name	Paper	Time	No. of Questions	Max Marks
23-12-2023 (SATURDAY)	Test-13	Fluid Mechanics + Turbo Machinery + Thermodynamics and Heat transfer	Paper-II	4 pm to 5.30 pm	75	150
	Test-14	Basics of Project Management	Paper-I	5.45 pm to 6.45 pm	50	100
30-12-2023 (SATURDAY)	Test-15	IC Engines, Refrigeration and Air conditioning + Power Plant Engg. + Renewable Sources of Energy	Paper-II	4 pm to 5.30 pm	75	150
	Test-16	Engineering Mathematics and Numerical Analysis	Paper-I	5.45 pm to 6.45 pm	50	100
06-01-2024 (SATURDAY)	Test-17	Engineering Materials + Manufacturing , Industrial and Maintenance Engineering + Mechatronics and Robotics	Paper-II	4 pm to 5.30 pm	75	150
	Test-18	Engineering Aptitude covering Logical reasoning and Analytical ability	Paper-I	5.45 pm to 6.45 pm	50	100
13-01-2024 (THURSDAY)	Test-19	Engineering Mechanics & Strength of Materials+ Mechanisms and Machines + Design of Machine Elements	Paper-II	4 pm to 5.30 pm	75	150
	Test-20	Current issues of national and international	Paper-I	5.45 pm to 6.45 pm	50	100

Full Length Mock Tests

20-01-2024 (SATURDAY)	Test-21	Full Length Mock Tests-1 (General Studies & Engineering Aptitude)	Paper-I	10 am - 12 noon	100	200
	Test-22	Full Length Mock Tests-2 (Engineering Discipline)	Paper-II	2 pm - 5 pm	150	300
27-01-2024 (SATURDAY)	Test-23	Full Length Mock Tests-3 (General Studies & Engineering Aptitude)	Paper-I	10 am - 12 noon	100	200
	Test-24	Full Length Mock Tests-4 (Engineering Discipline)	Paper-II	2 pm - 5 pm	150	300