



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



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online**

# ESE(PRELIMS)-2024

## *Online* Test Series

### Mechanical Engineering Schedule

No.of Tests : 44 + 30 *free* practice tests of ESE(Prelims)-2023 Online Test Series

	ESE(Prelims) - 2024 Test Series	Practice Tests ESE(Prelims) - 2023
Subject Wise Tests	22	22
Multi-Subject Wise Tests	10	-
Full Length Mock Tests	12	8
<b>Total Tests - 74</b>		

**Note:**

- ★ The Syllabus considered as per Previous year Notification of ESE. ACE Engineering Academy does not take any responsibility for deviations in syllabus in the final exam.
- ★ The Dates of Tests may Change according to the ESE-2024(Prelims) Exam schedule.
- ★ Tests will be activated at 06:00 pm on the scheduled day.
- ★ All tests will be active till ESE-2024(Prelims) exam.

## Subject-wise Tests

Test No	Name of the Test	No. of Questions	Max Marks	Duration	Date of Activation
Test-01	Engineering Mechanics + Strength of Materials	50	100	60 Min	08-06-2023
Test-02	Basic Thermodynamics + Heat transfer	50	100	60 Min	
Test-03	Fluid Mechanics + Turbo Machinery	50	100	60 Min	16-06-2023
Test-04	Engineering Mathematics and Numerical Analysis	33	66	40 Min	
Test-05	Mechanisms and Machines	50	100	60 Min	23-06-2023
Test-06	Basics of Energy and Environment	33	66	40 Min	
Test-07	Power Plant Engineering	50	100	60 Min	30-06-2023
Test-08	General Principles of Design, Drawing, Importance of Safety	33	66	40 Min	
Test-09	IC Engines	50	100	60 Min	07-07-2023
Test-10	Ethics and values in Engineering profession	33	66	40 Min	
Test-11	Design of Machine Elements	50	100	60 Min	14-07-2023
Test-12	Information and Communication Technologies (ICT)	33	66	40 Min	
Test-13	Refrigeration and Air conditioning	50	100	60 Min	21-07-2023
Test-14	Engineering Aptitude covering Logical reasoning and Analytical ability	33	66	40 Min	
Test-15	Manufacturing + Engineering Materials	50	100	60 Min	28-07-2023
Test-16	Basics of Material Science and Engineering	33	66	40 Min	
Test-17	Renewable Sources of Energy	50	100	60 Min	04-08-2023
Test-18	Standards and Quality practices in production, construction, maintenance and services	33	66	40 Min	
Test-19	Industrial and Maintenance Engineering	50	100	60 Min	11-08-2023
Test-20	Basics of Project Management	33	66	40 Min	
Test-21	Mechatronics and Robotics	50	100	60 Min	18-08-2023
Test-22	Current Issues of National and International importance related to social, Economic and Industrial Development	33	66	40 Min	

Test No	Name of the Test		No. of Questions	Max Marks	Duration	Date of Activation
<b>Full Length Mock Tests -1<sup>st</sup> Series</b>						
Test-23	Mock-1	PAPER-1	100	200	2 Hours	01-09-2023
Test-24	Mock-1	PAPER-2	150	300	3 Hours	
Test-25	Mock-2	PAPER-1	100	200	2 Hours	08-09-2023
Test-26	Mock-2	PAPER-2	150	300	3 Hours	

<b>Multi-Subject Wise Grand Tests</b>						
Test-27	Fluid Mechanics + Turbo Machinery + Heat transfer		50	100	60 Min	29-09-2023
Test-28	Basics of Energy and Environment + Engineering Aptitude covering Logical reasoning and Analytical ability		33	66	40 Min	
Test-29	Engineering Mechanics + Strength of Materials + Design of Machine Elements		50	100	60 Min	06-10-2023
Test-30	Engineering Mathematics and Numerical Analysis + Current Issues of National and International importance related to social, Economic and Industrial Development		33	66	40 Min	
Test-31	Basic Thermodynamics + Renewable Sources of Energy + IC Engines + Refrigeration and Air conditioning		50	100	60 Min	13-10-2023
Test-32	Basics of Project Management + Basics of Material Science and Engineering		33	66	40 Min	
Test-33	Power Plant Engineering + Mechanisms and Machines		50	100	60 Min	20-10-2023
Test-34	Information and Communication Technologies (ICT) + General Principles of Design, Drawing, Importance of Safety		33	66	40 Min	
Test-35	Manufacturing + Engineering Materials + Industrial and Maintenance Engineering+ Mechatronics and Robotics		50	100	60 Min	27-10-2023
Test-36	Ethics and values in Engineering profession + Standards and Quality practices in production, construction, maintenance and services		33	66	40 Min	

<b>Full Length Mock Tests -2<sup>nd</sup> Series</b>						
Test-37	Mock-3	PAPER-1	100	200	2 Hours	14-11-2023
Test-38	Mock-3	PAPER-2	150	300	3 Hours	
Test-39	Mock-4	PAPER-1	100	200	2 Hours	21-11-2023
Test-40	Mock-4	PAPER-2	150	300	3 Hours	
Test-41	Mock-5	PAPER-1	100	200	2 Hours	12-12-2023
Test-42	Mock-5	PAPER-2	150	300	3 Hours	
Test-43	Mock-6	PAPER-1	100	200	2 Hours	19-12-2023
Test-44	Mock-6	PAPER-2	150	300	3 Hours	

# Free Practice Tests of ESE-2023(Prelims) Online Test Series

## Subject-wise Tests

Test No	Name of the Test	No. of Questions	Max Marks	Duration	Date of Activation
Test-01	Engineering Mechanics + Strength of Materials	50	100	60 Min	15-04-2023
Test-02	Basic Thermodynamics + Heat transfer	50	100	60 Min	
Test-03	Fluid Mechanics + Turbo Machinery	50	100	60 Min	
Test-04	Engineering Mathematics and Numerical Analysis	33	66	40 Min	
Test-05	Mechanisms and Machines	50	100	60 Min	
Test-06	Basics of Energy and Environment	33	66	40 Min	
Test-07	Power Plant Engineering	50	100	60 Min	
Test-08	General Principles of Design, Drawing, Importance of Safety	33	66	40 Min	
Test-09	IC Engines	50	100	60 Min	
Test-10	Ethics and values in Engineering profession	33	66	40 Min	
Test-11	Design of Machine Elements	50	100	60 Min	
Test-12	Information and Communication Technologies (ICT)	33	66	40 Min	
Test-13	Refrigeration and Air conditioning	50	100	60 Min	
Test-14	Engineering Aptitude covering Logical reasoning and Analytical ability	33	66	40 Min	
Test-15	Manufacturing + Engineering Materials	50	100	60 Min	
Test-16	Basics of Material Science and Engineering	33	66	40 Min	
Test-17	Renewable Sources of Energy	50	100	60 Min	
Test-18	Standards and Quality practices in production, construction, maintenance and services	33	66	40 Min	
Test-19	Industrial and Maintenance Engineering	50	100	60 Min	
Test-20	Basics of Project Management	33	66	40 Min	
Test-21	Mechatronics and Robotics	50	100	60 Min	
Test-22	Current Issues of National and International importance related to social, Economic and Industrial Development	33	66	40 Min	

## Full Length Mock Tests

Test-23	Mock-1	PAPER-1	100	200	2 Hours	01-05-2023
Test-24	Mock-1	PAPER-2	150	300	3 Hours	
Test-25	Mock-2	PAPER-1	100	200	2 Hours	
Test-26	Mock-2	PAPER-2	150	300	3 Hours	
Test-27	Mock-3	PAPER-1	100	200	2 Hours	
Test-28	Mock-3	PAPER-2	150	300	3 Hours	
Test-29	Mock-4	PAPER-1	100	200	2 Hours	
Test-30	Mock-4	PAPER-2	150	300	3 Hours	