

GATE-2021 Online Test Series

Mechanical Engineering - Schedule

No.of Test: 64 (24 Topic wise Tests + 28 Grand Tests + 12 Full Length Mock Tests)

+ Free 53 practice Tests of GATE-2020 Online Test Series

Topic wise Tests

| Test No | Name of the Topic | No. of Questions | Max Marks | Duration | Date of Activation |
|---------|---|------------------|--------------|----------|--------------------|
| Test-01 | Engineering Mathematics-1: Linear Algebra, Calculus, Differential Equations | 15 | 25 | 45 mins | |
| Test-02 | Engineering Mathematics-2: Complex Variables, Numerical Methods and Probability and Statistics. | 15 | 25 | 45 mins | |
| Test-03 | Engineering Mechanics: Free-body diagrams and equilibrium; trusses and frames; virtual work; kinematics and dynamics of particles and of rigid bodies in plane motion; impulse and momentum (linear and angular) and energy formulations, collisions. | 1 15 | 25 | 45 mins | |
| Test-04 | Heat Transfer-1: Modes of heat transfer; one dimensional heat conduction, resistance concept and electrical analogy, heat transfer through fins; thermal boundary layer, dimensionless parameters in free and forced convective heat transfer, heat transfer correlations for flow over flat plates and through pipes, effect of turbulence; | 15 | 25 | 45 mins | 03-06-2020 |
| Test-05 | Heat Transfer-2: Unsteady heat conduction, lumped parameter system, Heisler's charts; heat exchanger performance, LMTD and NTU methods; radiative heat transfer, Stefan Boltzmann law, Wien's displacement law, black and grey surfaces, view factors, radiation network analysis. | 1 15 | 25 | 45 mins | |
| Test-06 | Theory of Machines and Vibrations-1: Displacement, velocity and acceleration analysis of plane mechanisms; dynamic analysis of linkages; flywheels; Cams; gears and gear trains; | 15 | 25 | 45 mins | |
| Test-07 | Theory of Machines and Vibrations-2: Governors; balancing of reciprocating and rotating masses; gyroscope. Vibrations: Free and forced vibration of single degree of freedom systems, effect of damping; vibration isolation; resonance; critical speeds of shafts. | 15 | 25 | 45 mins | |
| Test-08 | Thermodynamics-1: Thermodynamic systems and processes; behaviour of ideal and real gases; zeroth and first laws of thermodynamics, calculation of work and heat in various processes; second law of thermodynamics; | 15 | 25 | 45 mins | 12-06-2020 |
| Test-09 | Thermodynamics-2: Properties of pure substances, Thermodynamic property charts and tables, availability and irreversibility; thermodynamic relations. vapour and gas power cycles, concepts of regeneration and reheat. | 15 | 25 | 45 mins | |
| Test-10 | Thermodynamics-3: Air and gas compressors; I.C. Engines: Air-standard Otto, Diesel and dual cycles. Refrigeration and air-conditioning: Vapour and gas refrigeration and heat pump cycles; properties of moist air, psychrometric chart, basic psychrometric processes. | I 15 | 25 | 45 mins | |
| Test-11 | Strength of Materials-1: Stress and strain, elastic constants, Poisson's ratio; Mohr's circle for plane stress and plane strain; shear force and bending moment diagrams; thermal stresses; strain gauges and rosettes; testing of materials with universal testing machine; testing of hardness and impact strength | I 15 | 25 | 45 mins | |
| Test-12 | Strength of Materials-2: Bending and shear stresses; deflection of beams; torsion of circular shafts; Euler's theory of columns; energy methods; thin cylinders. | 15 | 25 | 45 mins | |
| Test-13 | Fluid Mechanics-1: Fluid properties; fluid statics, manometry, buoyancy, forces on submerged bodies, stability of floating bodies; control-volume analysis of mass, momentum and energy; fluid acceleration; differential equations of continuity and momentum; Bernoulli's equation. | 1 15 | 25 | 45 mins | 19-06-2020 |
| Test-14 | Fluid Mechanics-2: Viscous flow of incompressible fluids, boundary layer, elementary turbulent flow, flow through pipes, head losses in pipes, bends and fittings. | 15 | 25 | 45 mins | |
| Test-15 | Fluid Mechanics-3: Dimensional analysis; Turbomachinery: Impulse and reaction principles, velocity diagrams, Peltonwheel, Francis and Kaplan turbines. | 15 | 25 | 45 mins | |

| Test No | Name of the Topic | No. of Questions | Max Marks | Duration | Date of Activation |
|---------|---|------------------|--------------|----------|-----------------------|
| Test-16 | Machine Design-1: Design for static and dynamic loading; failure theories; fatigue strength and the S-N diagram; principles of the design of machine elements such as bolted, riveted and welded joints; | 15 | 25 | 45 mins | |
| Test-17 | Machine Design-2: Shafts, gears, rolling and sliding contact bearings, brakes and clutches, springs. | 15 | 25 | 45 mins | |
| Test-18 | Production-1: Casting: Different types of castings, design of patterns, moulds and cores; solidification and cooling; riser and gating design. Forming and Joining Processes: Plastic deformation and yield criteria; fundamentals of hot and cold working processes; load estimation for bulk (forging, rolling, extrusion, drawing) and sheet (shearing, deep drawing, bending) metal forming processes; Principles of welding, brazing, soldering and adhesive bonding. | 15 | 25 | 45 mins | |
| Test-19 | Production-2: Machining and Machine Tool Operations: Mechanics of machining; basic machine tools; single and multipoint cutting tools, tool geometry and materials, tool life and wear; economics of machining; principles of non-traditional machining processes; principles of work holding, design of jigs and fixtures. Computer Integrated Manufacturing: Basic concepts of CAD/CAM and their integration tools. | | 25 | 45 mins | 26-06-2020 |
| Test-20 | Production-3: Metrology and Inspection: Limits, fits and tolerances; linear and angular measurements; comparators; gauge design; interferometry; form and finish measurement; alignment and testing methods; tolerance analysis in manufacturing and assembly. Principles of powder metallurgy. Engineering Materials: Structure and properties of engineering materials, phase diagrams, heat treatment, stress-strain diagrams for engineering materials. | 15 | 25 | 45 mins | |
| Test-21 | Industrial Management and Operational Research-1: Forecasting models, aggregate production planning, scheduling, materials requirement planning. Inventory Control: Deterministic models; safety stock inventory control systems. | 15 | 25 | 45 mins | |
| Test-22 | Industrial Management and Operational Research-2: Linear programming, simplex method, transportation, assignment, network flow models, simple queuing models, PERT and CPM. | 15 | 25 | 45 mins | 03-07-2020 |
| Test-23 | Verbal Ability: English grammar, sentence completion, verbal analogies, word groups, instructions, critical reasoning and verbal deduction. | 15 | 25 | 45 mins | |
| Test-24 | Numarical Ability: Numerical computation, numerical estimation, numerical reasoning and data interpretation. | 15 | 25 | 45 mins | |

| | Subject Wise Grand Tests - 1 st Series | | | | |
|---------|---|------------------|--------------|----------|--------------------|
| Test No | Name of the Topic | No. of Questions | Max Marks | Duration | Date of Activation |
| Test-25 | Engineering Mathematics | 30 | 50 | 90 mins | 17-07-2020 |
| Test-26 | Thermodynamics | 30 | 50 | 90 mins | 17-07-2020 |
| Test-27 | Heat Transfer | 30 | 50 | 90 mins | 24.07.2020 |
| Test-28 | Fluid Mechanics & Turbo Machinery | 30 | 50 | 90 mins | 24-07-2020 |
| Test-29 | Engineering Mechanics | 30 | 50 | 90 mins | 24 07 2020 |
| Test-30 | Strength of Materials | 30 | 50 | 90 mins | 31-07-2020 |
| Test-31 | Theory of Machines and Vibrations | 30 | 50 | 90 mins | 07.09.2020 |
| Test-32 | Machine Design | 30 | 50 | 90 mins | 07-08-2020 |
| Test-33 | Production | 30 | 50 | 90 mins | |
| Test-34 | Industrial Management and Operational Research | 30 | 50 | 90 mins | 13-08-2020 |
| Test-35 | General Aptitude | 30 | 50 | 90 mins | |

| | Full Length Mock GATE Test - 1 st Series (As per GATE pattern) | | | | | | | | |
|---------|---|------------------|--------------|----------|--------------------|--|--|--|--|
| Test No | Name of the Topic | No. of Questions | Max Marks | Duration | Date of Activation | | | | |
| Test-36 | Full Length GATE Mock Test-1 | 65 | 100 | 180 mins | 21-08-2020 | | | | |
| Test-37 | Full Length GATE Mock Test-2 | 65 | 100 | 180 mins | 28-08-2020 | | | | |
| Test-38 | Full Length GATE Mock Test-3 | 65 | 100 | 180 mins | 04-09-2020 | | | | |

| Subject Wise Grand Tests - 2 nd Series | | | | | | | | |
|---|--|------------------|--------------|----------|--------------------|--|--|--|
| Test No | Name of the Topic | No. of Questions | Max Marks | Duration | Date of Activation | | | |
| Test-39 | Engineering Mathematics | 30 | 50 | 90 mins | 11-09-2020 | | | |
| Test-40 | Thermodynamics | 30 | 50 | 90 mins | 11-09-2020 | | | |
| Test-41 | Heat Transfer | 30 | 50 | 90 mins | 18 00 2020 | | | |
| Test-42 | Fluid Mechanics & Turbo Machinery | 30 | 50 | 90 mins | 18-09-2020 | | | |
| Test-43 | Engineering Mechanics | 30 | 50 | 90 mins | 25 00 2020 | | | |
| Test-44 | Strength of Materials | 30 | 50 | 90 mins | 25-09-2020 | | | |
| Test-45 | Theory of Machines and Vibrations | 30 | 50 | 90 mins | 02.40.2020 | | | |
| Test-46 | Machine Design | 30 | 50 | 90 mins | 02-10-2020 | | | |
| Test-47 | Production | 30 | 50 | 90 mins | | | | |
| Test-48 | Industrial Management and Operational Research | 30 | 50 | 90 mins | 09-10-2020 | | | |
| Test-49 | General Aptitude | 30 | 50 | 90 mins | | | | |

| | Full Length Mock GATE Tests- 2 nd Series | | | | |
|---------|---|------------------|--------------|----------|--------------------|
| Test No | Name of the Topic | No. of Questions | Max Marks | Duration | Date of Activation |
| Test-50 | Full Length GATE Mock Test-4 | 65 | 100 | 180 mins | 16-10-2020 |
| Test-51 | Full Length GATE Mock Test-5 | 65 | 100 | 180 mins | 23-10-2020 |
| Test-52 | Full Length GATE Mock Test-6 | 65 | 100 | 180 mins | 30-10-2020 |

| | Multi-Subject Wise Grand Tests | | | | |
|---------|---|------------------|--------------|----------|--------------------|
| Test No | Name of the Topic | No. of Questions | Max Marks | Duration | Date of Activation |
| Test-53 | Strength of Materials & Engineering Mechanics | 30 | 50 | 90 mins | 06-11-2020 |
| Test-54 | Fluid Mechanics & Turbo Machinery, Heat Transfer | 30 | 50 | 90 mins | 00-11-2020 |
| Test-55 | Thermodynamics | 30 | 50 | 90 mins | 13-11-2020 |
| Test-56 | Machine Design & Theory of Machines and Vibrations | 30 | 50 | 90 mins | 13-11-2020 |
| Test-57 | Production & Industrial Management and Operational Research | 30 | 50 | 90 mins | 20-11-2020 |
| Test-58 | Engineering Mathematics & General Aptitude | 30 | 50 | 90 mins | 20-11-2020 |

| | Full Length Mock GATE Tests - 3 rd Series | | | | | | | | |
|---------|--|------------------|--------------|----------|--------------------|--|--|--|--|
| Test No | Name of the Topic | No. of Questions | Max Marks | Duration | Date of Activation | | | | |
| Test-59 | Full Length GATE Mock Test-7 | 65 | 100 | 180 mins | 04-12-2020 | | | | |
| Test-60 | Full Length GATE Mock Test-8 | 65 | 100 | 180 mins | 11-12-2020 | | | | |
| Test-61 | Full Length GATE Mock Test-9 | 65 | 100 | 180 mins | 06-01-2021 | | | | |
| Test-62 | Full Length GATE Mock Test-10 | 65 | 100 | 180 mins | 13-01-2021 | | | | |
| Test-63 | Full Length GATE Mock Test-11 | 65 | 100 | 180 mins | 20-01-2021 | | | | |
| Test-64 | Full Length GATE Mock Test-12 | 65 | 100 | 180 mins | 27-01-2021 | | | | |

Free Practice Tests of GATE-2020 Online Test Series

Topic wise Tests

| | Topic wise Tests | | | | | | | | | | | | | | | | | | | |
|-----------|--|-----------|-------|-----------|------------|--|--|--|--|--|--|----|--|--|--|--|--|--|--|------------|
| Test No | Name of the Topic | No. of | Max | Duration | Date of | | | | | | | | | | | | | | | |
| | | Questions | Marks | | Activation | | | | | | | | | | | | | | | |
| ME_P01 | Engineering Mathematics-1: Linear Algebra, Calculus, Differential Equations Engineering Mathematics-2: | 15 | 25 | 45 mins | | | | | | | | | | | | | | | | |
| ME_P02 | Complex Variables, Numerical Methods and Probability and Statistics. | 15 | 25 | 45 mins | | | | | | | | | | | | | | | | |
| | Engineering Mechanics: | | | | | | | | | | | | | | | | | | | |
| | Free-body diagrams and equilibrium; trusses and frames; virtual work; kinematics and dynamics of | | | | | | | | | | | | | | | | | | | |
| ME_P03 | particles and of rigid bodies in plane motion; impulse and momentum (linear and angular) and energy | 15 | 25 | 45 mins | | | | | | | | | | | | | | | | |
| | formulations, collisions. | | | | | | | | | | | | | | | | | | | |
| | Heat Transfer-1: | | | | | | | | | | | | | | | | | | | |
| | Modes of heat transfer; one dimensional heat conduction, resistance concept and electrical analogy, | | | | | | | | | | | | | | | | | | | |
| ME_P04 | heat transfer through fins; thermal boundary layer, dimensionless parameters in free and forced | 15 | 25 | 45 mins | | | | | | | | | | | | | | | | |
| | convective heat transfer, heat transfer correlations for flow over flat plates and through pipes, effect of | | | | | | | | | | | | | | | | | | | |
| | turbulence; | | | | | | | | | | | | | | | | | | | |
| | Heat Transfer-2: | | | | | | | | | | | | | | | | | | | |
| ME P05 | Unsteady heat conduction, lumped parameter system, Heisler's charts; heat exchanger performance, | 15 | 25 | 45 mins | | | | | | | | | | | | | | | | |
| | LMTD and NTU methods; radiative heat transfer, Stefan Boltzmann law, Wien's displacement law, black | | | | | | | | | | | | | | | | | | | |
| | and grey surfaces, view factors, radiation network analysis. | | | | | | | | | | | | | | | | | | | |
| | Theory of Machines and Vibrations-1: | | | | | | | | | | | | | | | | | | | |
| ME_P06 | Displacement, velocity and acceleration analysis of plane mechanisms; dynamic analysis of linkages; | 15 | 25 | 45 mins | | | | | | | | | | | | | | | | |
| | flywheels; Cams; gears and gear trains; | | | | | | | | | | | | | | | | | | | |
| | Theory of Machines and Vibrations-2: | | | | | | | | | | | | | | | | | | | |
| ME_P07 | Governors; balancing of reciprocating and rotating masses; gyroscope. | 15 | 25 | 45 mins | | | | | | | | | | | | | | | | |
| | Vibrations: Free and forced vibration of single degree of freedom systems, effect of damping; vibration | | | | | | | | | | | | | | | | | | | |
| | isolation; resonance; critical speeds of shafts. | | | | | | | | | | | | | | | | | | | |
| | Thermodynamics-1: Thermodynamic systems and processes; behaviour of ideal and real gases; zeroth and first laws of | | | | | | | | | | | | | | | | | | | |
| ME_P08 | thermodynamics, calculation of work and heat in various processes; second law of | 15 | 25 | 45 mins | | | | | | | | | | | | | | | | |
| | thermodynamics; | | | | | | | | | | | | | | | | | | | |
| | Thermodynamics, | | | | | | | | | | | | | | | | | | | |
| | Properties of pure substances, Thermodynamic property charts and tables, availability and | | | | | | | | | | | | | | | | | | | |
| ME_P09 | irreversibility; thermodynamic relations. vapour and gas power cycles, concepts of regeneration and | 15 | 25 | 45 mins | | | | | | | | | | | | | | | | |
| | reheat. | | | | | | | | | | | | | | | | | | | |
| | Thermodynamics-3: | | | | | | | | | | | | | | | | | | | |
| 145 540 | Air and gas compressors; I.C. Engines: Air-standard Otto, Diesel and dual cycles. Refrigeration and air- | 45 | 25 | 45 . | 20 | | | | | | | | | | | | | | | |
| ME_P10 | conditioning: Vapour and gas refrigeration and heat pump cycles; properties of moist air, psychrometric | 15 | 25 | 45 mins | 20 | | | | | | | | | | | | | | | |
| | chart, basic psychrometric processes. | | | | 4-2 | | | | | | | | | | | | | | | |
| | Strength of Materials-1: | | | | | | | | | | | | | | | | | | | 20-04-2020 |
| | Stress and strain, elastic constants, Poisson's ratio; Mohr's circle for plane stress and plane strain; shear | | | | | | | | | | | 20 | | | | | | | | |
| ME_P11 | force and bending moment diagrams; thermal stresses; strain gauges and rosettes; testing of materials | 15 | 25 | 45 mins | ` ` | | | | | | | | | | | | | | | |
| | with universal testing machine; testing of hardness and impact strength | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | Strength of Materials-2: | | | | | | | | | | | | | | | | | | | |
| ME_P12 | Bending and shear stresses; deflection of beams; torsion of circular shafts; Euler's theory of columns; | 15 | 25 | 45 mins | | | | | | | | | | | | | | | | |
| | energy methods; thin cylinders. | | | | | | | | | | | | | | | | | | | |
| | Fluid Mechanics-1: | | | | | | | | | | | | | | | | | | | |
| ME_P13 | Fluid properties; fluid statics, manometry, buoyancy, forces on submerged bodies, stability of floating | 15 | 25 | 45 mins | | | | | | | | | | | | | | | | |
| _ | bodies; control-volume analysis of mass, momentum and energy; fluid acceleration; differential | | | | | | | | | | | | | | | | | | | |
| | equations of continuity and momentum; Bernoulli's equation. | | | | | | | | | | | | | | | | | | | |
| ME D14 | Fluid Mechanics-2: | 15 | 25 | 45 mins | | | | | | | | | | | | | | | | |
| ME_P14 | Viscous flow of incompressible fluids, boundary layer, elementary turbulent flow, flow through pipes, | 15 | 25 | 45 111115 | | | | | | | | | | | | | | | | |
| | head losses in pipes, bends and fittings. Fluid Mechanics-3: | | | | | | | | | | | | | | | | | | | |
| ME_P15 | Dimensional analysis; Turbomachinery: Impulse and reaction principles, velocity diagrams, Pelton- | 15 | 25 | 45 mins | | | | | | | | | | | | | | | | |
| IVIL_F 13 | wheel, Francis and Kaplan turbines. | 13 | 23 | 45 111113 | | | | | | | | | | | | | | | | |
| | Machine Design-1: | | | | | | | | | | | | | | | | | | | |
| ME_P16 | Design for static and dynamic loading; failure theories; fatigue strength and the S-N diagram; principles | 15 | 25 | 45 mins | | | | | | | | | | | | | | | | |
| 1412_1 10 | of the design of machine elements such as bolted, riveted and welded joints; | 13 | 23 | 45 111113 | | | | | | | | | | | | | | | | |
| | Machine Design-2: | | | | | | | | | | | | | | | | | | | |
| ME_P17 | Shafts, gears, rolling and sliding contact bearings, brakes and clutches, springs. | 15 | 25 | 45 mins | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | Production-1: Casting: Different types of castings, design of patterns, moulds and cores; solidification | | | | | | | | | | | | | | | | | | | |
| NAC 040 | and cooling; riser and gating design. Forming and Joining Processes: Plastic deformation and yield | | 25 | 45 | | | | | | | | | | | | | | | | |
| ME_P18 | criteria; fundamentals of hot and cold working processes; load estimation for bulk (forging, rolling, | | 25 | 45 mins | | | | | | | | | | | | | | | | |
| | extrusion, drawing) and sheet (shearing, deep drawing, bending) metal forming processes; Principles of | | | | | | | | | | | | | | | | | | | |
| | welding, brazing, soldering and adhesive bonding. | | | | | | | | | | | | | | | | | | | |
| | Production-2: Machining and Machine Tool Operations: Mechanics of machining; basic machine tools; | | | | | | | | | | | | | | | | | | | |
| | single and multi-point cutting tools, tool geometry and materials, tool life and wear; economics of | | | | | | | | | | | | | | | | | | | |
| ME_P19 | machining; principles of non-traditional machining processes; principles of work holding, design of jigs | 15 | 25 | 45 mins | | | | | | | | | | | | | | | | |
| | and fixtures. Computer Integrated Manufacturing: Basic concepts of CAD/CAM and their integration | | | | | | | | | | | | | | | | | | | |
| | tools. | | | | | | | | | | | | | | | | | | | |

| Test No | Name of the Topic | No. of Questions | Max Marks | Duration | Date of Activation |
|---------|--|------------------|--------------|----------|--------------------|
| ME_P20 | Production-3: Metrology and Inspection: Limits, fits and tolerances; linear and angular measurements; comparators; gauge design; interferometry; form and finish measurement; alignment and testing methods; tolerance analysis in manufacturing and assembly. Principles of powder metallurgy. Engineering Materials: Structure and properties of engineering materials, phase diagrams, heat treatment, stress-strain diagrams for engineering materials. | 15 | 25 | 45 mins | |
| ME_P21 | Industrial Management and Operational Research-1: Forecasting models, aggregate production planning, scheduling, materials requirement planning. Inventory Control: Deterministic models; safety stock inventory control systems. | 15 | 25 | 45 mins | 1-2020 |
| ME_P22 | Industrial Management and Operational Research-2: Linear programming, simplex method, transportation, assignment, network flow models, simple queuing models, PERT and CPM. | 15 | 25 | 45 mins | 20-04 |
| ME_P23 | Verbal Ability: English grammar, sentence completion, verbal analogies, word groups, instructions, critical reasoning and verbal deduction. | 15 | 25 | 45 mins | |
| ME_P24 | Numarical Ability: Numerical computation, numerical estimation, numerical reasoning and data interpretation. | 15 | 25 | 45 mins | |

| Subject Wise Grand Tests | | | | | | | |
|--------------------------|--|------------------|--------------|----------|--------------------|--|--|
| Test No | Name of the Topic | No. of Questions | Max Marks | Duration | Date of Activation | | |
| ME_P25 | Engineering Mathematics | 30 | 50 | 90 mins | | | |
| ME_P26 | Engineering Mechanics | 30 | 50 | 90 mins | | | |
| ME_P27 | Heat Transfer | 30 | 50 | 90 mins | | | |
| ME_P28 | Theory of Machines and Vibrations | 30 | 50 | 90 mins | 0 | | |
| ME_P29 | Thermodynamics | 30 | 50 | 90 mins | 202 | | |
| ME_P30 | Strength of Materials | 30 | 50 | 90 mins | 4-2 | | |
| ME_P31 | Fluid Mechanics & Turbo Machinery | 30 | 50 | 90 mins | 20-04-2020 | | |
| ME_P32 | Machine Design | 30 | 50 | 90 mins | 2 | | |
| ME_P33 | Production | 30 | 50 | 90 mins | | | |
| ME_P34 | Industrial Management and Operational Research | 30 | 50 | 90 mins | | | |
| ME_P35 | General Aptitude | 30 | 50 | 90 mins | | | |

| | Multi-Subject Wise Grand Tests | | | | |
|---------|---|------------------|--------------|----------|--------------------|
| Test No | Name of the Topic | No. of Questions | Max Marks | Duration | Date of Activation |
| ME_P36 | Strength of Materials & Engineering Mechanics | 30 | 50 | 90 mins | |
| ME_P37 | Fluid Mechanics & Turbo Machinery, Heat Transfer | 30 | 50 | 90 mins |)20 |
| ME_P38 | Thermodynamics | 30 | 50 | 90 mins | -20 |
| ME_P39 | Machine Design & Theory of Machines and Vibrations | 30 | 50 | 90 mins | -04 |
| ME_P40 | Production & Industrial Management and Operational Research | 30 | 50 | 90 mins | 20- |
| ME_P41 | Engineering Mathematics & General Aptitude | 30 | 50 | 90 mins | |

| Test No | Name of the Topic | No. of Questions | Max Marks | Duration | Date of Activation |
|---------|-------------------------------|------------------|--------------|----------|--------------------|
| ME_P42 | Full Length GATE Mock Test-1 | 65 | 100 | 180 mins | 20-04-2020 |
| ME_P43 | Full Length GATE Mock Test-2 | 65 | 100 | 180 mins | |
| ME_P44 | Full Length GATE Mock Test-3 | 65 | 100 | 180 mins | |
| ME_P45 | Full Length GATE Mock Test-4 | 65 | 100 | 180 mins | |
| ME_P46 | Full Length GATE Mock Test-5 | 65 | 100 | 180 mins | |
| ME_P47 | Full Length GATE Mock Test-6 | 65 | 100 | 180 mins | |
| ME_P48 | Full Length GATE Mock Test-7 | 65 | 100 | 180 mins | |
| ME_P49 | Full Length GATE Mock Test-8 | 65 | 100 | 180 mins | |
| ME_P50 | Full Length GATE Mock Test-9 | 65 | 100 | 180 mins | |
| ME_P51 | Full Length GATE Mock Test-10 | 65 | 100 | 180 mins | |
| ME_P52 | Full Length GATE Mock Test-11 | 65 | 100 | 180 mins | |
| ME_P53 | Full Length GATE Mock Test-12 | 65 | 100 | 180 mins | |