



IES MASTER

Institute for Engineers (IES/GATE/PSUs)

ESE-2026 Conventional Test Schedule, Civil Engineering

| Date | Topic |
|-----------------|---|
| 15th March 2026 | N.T. : M-1, M-3, M-4, SM-1, SM-3, SM-8 |
| | R.T. : |
| 22nd March 2026 | N.T. : SA-1, SA-2, HY-1, HY-4, M-5 |
| | R.T. : SM-1, M-1 |
| 29th March 2026 | N.T. : SA-5, DSS-4, DSS-5, FM-1, FM-4, FM-6, RCC-1 |
| | R.T. : M-3, SA-1, SA-2 |
| 05th April 2026 | N.T. : SM-6, SM-7, SA-3, SA-4, EE-3, EE-4, EE-5, RCC-3 |
| | R.T. : M-1, M-4, FM-6 |
| 12th April 2026 | N.T. : HY-2, FM-7, RCC-2, SU-5 |
| | R.T. : SM-3, SA-1, SA-2, DSS-5, EE-5 |
| 19th April 2026 | N.T. : SM-4, SA-6, DSS-1, DSS-2, DSS-3, RCC-4, RCC-5 |
| | R.T. : SM-1, SA-3, SA-5, EE-4, RCC-3 |
| 26th April 2026 | N.T. : SU-1, SU-2, SU-3, SM-2, SM-5, HY-3 |
| | R.T. : FM-7, RCC-3, HY-1, EE-5, SA-4, SA-5, SA-6, RCC-2, SU-5, SM-6, SM-7 |
| 03th May 2026 | N.T. : CPM-1, CPM-2, DSS-6, TF-1, TF-2, TF-3, TF-4, FM-5, M-2 |
| | R.T. : DSS-1, SM-4, M-1, M-3, FM-4, SA-1, RCC-4 |
| 10th May 2026 | N.T. : IR-1, IR-2, IR-3, IR-4, EE-6, BM-1, BM-3 |
| | R.T. : SM-5, SM-6, FM-1, DSS-3, DSS-4, HY-3, HY-4, SU-1, SU-2, RCC-2, EE-4, SA-4, SA-5 |
| 17th May 2026 | N.T. : EE-1, EE-2, SU-4, TF-5, BM-2 |
| | R.T. : FM-5, TF-1, TF-2, FM-7, SA-3, SU-3, RCC-2, RCC-4, DSS-6, BM-3, CPM-1, CPM-2 |
| 24th May 2026 | N.T. : FM-2, FM-3, FM-8, CPM-3 |
| | R.T. : IR-1, IR-2, HY-2, DSS-4, DSS-2, SA-2, SA-3, FM-6, RCC-5, EE-6, TF-5, BM-1, BM-2, M-3 |
| 31st May 2026 | Full Length-1 (Test Paper-1 + Test Paper-2) |
| 07th June 2026 | Full Length-2 (Test Paper-1 + Test Paper-2) |
| 14th June 2026 | Full Length-3 (Test Paper-1 + Test Paper-2) |

Test Type

Timing

Day

Conventional Test

10:00 A.M. to 1:00 P.M.

Sunday

Conventional Full Length Test Paper-1

10:00 A.M. to 1:00 P.M.

Sunday

Conventional Full Length Test Paper-2

02:00 P.M. to 5:00 P.M.

Sunday

Note : The timing of the test may change on certain dates. Prior information will be given in this regard.

*N.T. : New Topic. *R.T. : Revision Topic

Call us : 8010009955, 011-41013406 or Mail us : info@iesmaster.org

Subject Code Details

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|--|---|---|---|---|--|---|---|--|--|--|--|
| SOM (M) | M-1 | M-2 | M-3 | | | | M-4 | M-5 | | | |
| | Concept of Stress and Strain, Engineering Mechanics | Shear Force & Bending Moment, Deflection of Beams | Transformation of Stress & Strains, Theory of Failure, Combined Bending & Torsion/ Combined bending & Transverse shear stress/ combined bending & Axial stress, Torsion | | | | Bending Stress, Shear Stress | Columns, Springs, Thick & Thin Shells, Moment of inertia | | | |
| Soil Mechanics (SM) | SM-1 | | SM-2 | SM-3 | SM-4 | SM-5 | SM-6 | SM-7 | SM-8 | | |
| | Classification of Soil, Soil water relationships, index properties of Soil, Compaction of Soil | | Effective stress, Seepage, Permeability | Consolidation | Shear Stress/ Vertical Stress | Earth Pressure, Stability of Slopes | Bearing capacity- Shallow Foundation | Deep foundation - Piles | Exploration of Soil, Expansive Soil, Geosynthetics, Ground Modification Techniques | | |
| Structural Analysis (SA) | SA-1 | SA-2 | SA-3 | SA-4 | | SA-5 | | SA-6 | | | |
| | Slope Deflection Method | Moment Distribution Method | Truss, Cables, Arches | Determinacy/indeterminacy/ stability Force Method, <ul style="list-style-type: none"> • Consistent Deformation Method • Method of Least work (Unit load method) • Castigliano's Method | | Flexibility Matrix Method, Stiffness Matrix Method, Influence Line Diagram/ Moving Load | | Structural Dynamics (Free & Forced Vibrations), Concepts and use of computer aided design | | | |
| Hydrology (HY) | HY-1 | HY-2 | HY-3 | HY-4 | | | | | | | |
| | Hydrographs | Flood Routing | Ground Water | Evapo-transpiration, Run off, Abstraction from Precipitation, Hydrological Cycle, Precipitation, Stream flow measurement | | | | | | | |
| Design of Steel Structure (DSS) | DSS-1 | DSS-2 | DSS-3 | DSS-4 | | DSS-5 | | DSS-6 | | | |
| | Compression member | Plastic Analysis | Beams | Connections (Direct, Eccentric) | | Tension Member | | Plate girders, Gantry girders, Industrial building | | | |
| Fluid Mechanics (FM) | FM-1 | | FM-2 | FM-3 | FM-4 | | FM-5 | FM-6 | FM-7 | FM-8 | |
| | Fluid properties, Hydrostatic Pressure, Liquid in relative equilibrium, Buoyancy & Flotation | | Fluid Kinematics | Fluid Dynamics, Weirs & Notches | Laminar flow, Turbulent flow, Boundary layer theory, Drag & lift | | Flow through Pipes | Open channel flow | Hydraulic Machines, Power House | Modal Analysis & Dimensional Analysis | |
| Environmental (EE) | EE-1 | | | EE-2 | | EE-3 | EE-4 | EE-5 | EE-6 | | |
| | Characteristics of water, Distribution of water, Treatment of water | | | Characteristics of Sewage | | Disposal of Sewage | Sewer design | Treatment of Sewage | Air Pollution, Noise Pollution, Solid Waste Management, Miscellaneous topics | | |
| RCC & PSC (RCC) | RCC-1 | | RCC-2 | | RCC-3 | | RCC-4 | | RCC-5 | | |
| | Working stress Method, Limit State Method of RCC Design | | Earthquake resistant structures, Beams (LS, WS), Lintels | | Slab-One way, (LS, WS) Staircase | | Column, (LS, WS) Water Tanks | Footing (LS, WS), Retaining Wall | Cement & Concrete, Masonry Structures, PSC- Pre stressed Concrete | | |
| Surveying (SU) | SU-1 | | | SU-2 | | SU-3 | | SU-4 | | SU-5 | |
| | Scale/ Accuracy, Measurements of horizontal distances, Theory of Errors | | | Angular Measurements, Theodolite | | Levelling, Contouring, Curve setting, Measurement of Area & Volume | | Triangulation & Traversing Plane tabling, Geology | | Photogrammetry, Field Astronomy, GPS, Remote Sensing | |
| Transportation (TF) | TF-1 | TF-2 | TF-3 | | | TF-4 | | TF-5 | | | |
| | Geometric Design | Pavement Design | Materials, Construction, Maintenance, Hill roads etc. | | | Traffic Engineering | | Railways, Airports, Ports & Harbours, Tunneling | | | |
| Irrigation (IR) | IR-1 | | IR-2 | | IR-3 | | IR-4 | | | | |
| | Soil water relationships, irrigation requirements of crops (Duty, Delta) | | Design of Canals (Lacey & Kennedy) | | Gravity dams | | Cross drainage works, Weirs & Barrages, Seepage theory, Canal Falls/ Canal Regulators, Energy dissipators, River training works | | | | |
| Pert & CPM (CPM) | CPM-1 | | | | CPM-2 | | | CPM-3 | | | |
| | Network analysis, Pert, CPM, Crashing, Resource Allocation, Levelling, Smoothing, Rate Analysis | | | | Engineering Economy, Management Estimation and costing | | | Construction equipments, Project Management, Tendering Process and Contract, Quality control, Productivity, Safety, Operation cost, Land Acquisition | | | |
| Building Material (BM) | BM-1 | | BM-2 | | | BM-3 | | | | | |
| | Cement, Concrete | | Timber, Bricks, Mortar, Stone | | | Aggregates, Lime, Paints, Glass, Steel, Plastics, FRP, Ceramics, Aluminium, etc | | | | | |

For Any Query Regarding The Program

Call us : 8010009955, 011-41013406 or Mail us : info@iesmaster.org