

GATE 2018 Online Test Series - Civil Engineering

Test No	Type of test	Test Live from	Test details	Test Syllabus	Difficulty level	No of questions	Max Marks	Test duration
1	Unit Test - Partial Syllabus	29th March 2017 Onwards	Engineering Mathematics-I	Linear Algebra, Statistics	Easy	10	15	30 min
2			Engineering Mathematics-II	Probability, Calculus	Easy	10	15	30 min
3			Engineering Mathematics-III	Numerical Methods, Vector Calculus, Complex Analysis	Easy	10	15	30 min
4			Engineering Mathematics-IV	Laplace Transforms, Differential Equations, Integral Calculus	Easy	10	15	30 min
5			Engineering Mechanics-I	Free-Body Diagrams And Equilibrium, Virtual Work, Trusses And Frames	Easy	10	15	30 min
6			Solid Mechanics-I	Stress, Elastic Constants, Deflection, Strain Energy, Bmd & Sfd, Transformation Of Stress	Easy	10	15	30 min
7			Solid Mechanics-II	Bending Stress, Theories Of Failure, Shear Stress, Torsion, Thick & Thin Cells, Columns	Easy	10	15	30 min
8			Structural Analysis-I	Ac Circuits	Easy	10	15	30 min
9			Structural Analysis-II	Sdm, Mdm, Influence Lines, Matrix Method	Easy	10	15	30 min
10			Construction Materials & Management-I	Construction Materials	Easy	10	15	30 min
11			Construction Materials & Management-II	Construction Management	Easy	10	15	30 min
12			Concrete Structures-I	Concrete Technology, Working & Limit State Method,	Easy	10	15	30 min
13			Concrete Structures-II	Columns, Limit State Of Collapse, Beams, Footings, Slabs, Development Length	Easy	10	15	30 min
14			Concrete Structures-III	Prestress & Prestress Losses	Easy	10	15	30 min
15			Steel Structures-I	Joints, Riveted Joints, Bolted & Welded Joints	Easy	10	15	30 min
16			Steel Structures-II	Plastic Analysis, Columns, Plate Girders, Compression Members, Plastic Analysis	Easy	10	15	30 min
17			Soil Mechanics-I	Soil Properties & Soil Classification	Easy	10	15	30 min
18			Soil Mechanics-III	Seepage, Effective Stress, Permeability	Easy	10	15	30 min
19			Soil Mechanics-III	Consolidation, Shear Strength, Compaction	Easy	10	15	30 min
20			Foundation Engineering-I	Earth Pressure, Stability Of Slopes, Sub Surface Investigation	Easy	10	15	30 min
21			Foundation Engineering-II	Shallow Foundations	Easy	10	15	30 min
22			Foundation Engineering-III	Deep Foundations	Easy	10	15	30 min
23			Fluid Mechanics & Hydraulics-I	Fluid Properties And Statics, Kinematics And Dynamics, Flow Through Pipes	Easy	10	15	30 min
24			Fluid Mechanics & Hydraulics-II	Kinematics And Dynamics, Flow Through Pipes	Easy	10	15	30 min
25			Fluid Mechanics & Hydraulics-III	Flow Through Pipes, Boundary Layer Theory	Easy	10	15	30 min
26			Fluid Mechanics & Hydraulics-IV	Turbomachinery, Open Channel Flow	Easy	10	15	30 min
27			Hydrology-I	Run-Off, Hydrograph, Precipitation, Evaporation, Flood Routing, Well Hydraulics	Easy	10	15	30 min
28			Irrigation-I	Permeable Dams, Irrigation Efficiencies, Duty Delta, Gravity Dams, Spill Ways, Canal Irrigation	Easy	10	15	30 min

29		Environmental Engineering-I	Water Qualities, Hardness, Population Forecast	Easy	10	15	30 min	
30		Environmental Engineering-II	Bod, Water Treatment, Sedimentation	Easy	10	15	30 min	
31		Environmental Engineering-III	Solid Waste, Air Pollution, Noise Pollution	Easy	10	15	30 min	
32		Transportation Engineering-I	Geometric Design, Ssd, Railway Track Design	Easy	10	15	30 min	
33		Transportation Engineering-II	Pavement Design, Marshall Mix Design	Easy	10	15	30 min	
34		Transportation Engineering-III	Traffic Engineering	Easy	10	15	30 min	
35		Geomatics Engineering-I	Bearings, Types Of Survey, Measurements, Levelling, Survey	Easy	10	15	30 min	
36		Geomatics Engineering-II	Senditivity, Photogrammetry, Gis, Gps	Easy	10	15	30 min	
37		Verbal Ability-I	Antonyms, Synonyms, Verbal Analogies, Word Group, Spotting Errors And Vocabulary Building	Easy	10	15	30 min	
38		Verbal Ability-II	Sentence Completion, Sentence Improvement, Critical Reasoning, Statements And Conclusions,	Easy	10	15	30 min	
39		Numerical Ability-I	Profitr Or Loss, Averages, Number Series,Time And Work, Time, Speed And Distance, Ratios And Proportions And Functions	Easy	10	15	30 min	
40		Numerical Ability-II	Data Interpretation, Data Sufficiency, Clocks And Calendars, Directions And Blood Relations	Easy	10	15	30 min	
1			Engineering Mathematics-I	Linear Algebra,Statistics	Moderate	20	30	60 min
2			Engineering Mathematics-II	Probability,Calculus	Moderate	20	30	60 min
3			Engineering Mathematics-III	Numerical Methods,Vector Calculus,Complex Analysis	Moderate	20	30	60 min
4			Engineering Mathematics-IV	Laplace Transforms,Differential Equations,Integral Calculus	Moderate	20	30	60 min
5	Engineering Mechanics-I		Free-Body Diagrams And Equilibrium, Virtual Work, Trusses And Frames	Moderate	20	30	60 min	
6	Solid Mechanics-I		Stress, Elastic Constants, Deflection,Strain Energy, Bmd & Sfd, Transformation Of Stress	Moderate	20	30	60 min	
7	Solid Mechanics-II		Bending Stress, Theories Of Failure,Shear Stress, Torsion, Thick & Thin Cells, Columns	Moderate	20	30	60 min	
8	Structural Analysis-I		Indeterminacy, Trusses, Cables, Slopes, Arches	Moderate	20	30	60 min	
9	Structural Analysis-II		Sdm, Mdm, Influence Lines, Matrix Method	Moderate	20	30	60 min	
10	Construction Materials & Management-I		Construction Materials	Moderate	20	30	60 min	
11	Construction Materials & Management-II		Construction Management	Moderate	20	30	60 min	

12	Section Test - Partial Syllabus
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7th June 2017 Onwards

Concrete Structures-I	Concrete Technology, Working & Limit State Method,	Moderate	20	30	60 min
Concrete Structures-II	Columns, Limit State Of Collapse, Beams, Footings, Slabs, Development Length	Moderate	20	30	60 min
Concrete Structures-III	Prestress & Prestress Losses	Moderate	20	30	60 min
Steel Structures-I	Joints, Riveted Joints, Bolted & Welded Joints	Moderate	20	30	60 min
Steel Structures-II	Plastic Analysis, Columns, Plate Girders, Compression Members, Plastic Analysis	Moderate	20	30	60 min
Soil Mechanics-I	Soil Properties & Soil Classification	Moderate	20	30	60 min
Soil Mechanics-III	Seepage, Effective Stress, Permeability	Moderate	20	30	60 min
Soil Mechanics-III	Consolidation, Shear Strength, Compaction	Moderate	20	30	60 min
Foundation Engineering-I	Earth Pressure, Stability Of Slopes, Sub Surface Investigation	Moderate	20	30	60 min
Foundation Engineering-II	Shallow Foundations	Moderate	20	30	60 min
Foundation Engineering-III	Deep Foundations	Moderate	20	30	60 min
Fluid Mechanics & Hydraulics-I	Fluid Properties And Statics, Kinematics And Dynamics, Flow Through Pipes	Moderate	20	30	60 min
Fluid Mechanics & Hydraulics-II	Kinematics And Dynamics, Flow Through Pipes	Moderate	20	30	60 min
Fluid Mechanics & Hydraulics-III	Flow Through Pipes, Boundary Layer Theory	Moderate	20	30	60 min
Fluid Mechanics & Hydraulics-IV	Turbomachinery, Open Channel Flow	Moderate	20	30	60 min
Hydrology-I	Run-Off, Hydrograph, Precipitation, Evaporation, Flood Routing, Well Hydraulics	Moderate	20	30	60 min
Irrigation-I	State Space Analysis, Controllability, Observability	Moderate	20	30	60 min
Environmental Engineering-I	Water Qualities, Hardness, Population Forecast	Moderate	20	30	60 min
Environmental Engineering-II	BOD, Water Treatment, Sedimentation	Moderate	20	30	60 min
Environmental Engineering-III	Solid Waste, Air Pollution, Noise Pollution	Moderate	20	30	60 min
Transportation Engineering-I	Geometric Design, SSD, Railway Track Design	Moderate	20	30	60 min
Transportation Engineering-II	Pavement Design, Marshall Mix Design	Moderate	20	30	60 min
Transportation Engineering-III	Traffic Engineering	Moderate	20	30	60 min

35			Geomatics Engineering-I	Bearings, Types Of Survey, Measurements, Levelling, Survey	Moderate	20	30	60 min
36			Geomatics Engineering-II	Senditivity, Photogrammetry, Gis, Gps	Moderate	20	30	60 min
37			Verbal Ability-I	Antonyms, Synonyms, Verbal Analogies, Word Group, Spotting Errors And Vocabulary Building	Moderate	20	30	60 min
38			Verbal Ability-II	Sentence Completion, Sentence Improvement, Critical Reasoning, Statements And Conclusions,	Moderate	20	30	60 min
39			Numerical Ability-I	Profitr Or Loss, Averages, Number Series,Time And Work, Time, Speed And Distance, Ratios And Proportions And Functions	Moderate	20	30	60 min
40			Numerical Ability-II	Data Interpretation, Data Sufficiency, Clocks And Calendars, Directions And Blood Relations	Moderate	20	30	60 min
1		Full length Mock Tests	19th July'17 Onwards	Extra Edge Test-01	Full Syllabus	Easy	65	100
2	2nd August'17 Onwards		Extra Edge Test-02	Full Syllabus	Easy	65	100	180 min
3	16th August'17 Onwards		Extra Edge Test-03	Full Syllabus	Easy	65	100	180 min
4	30th August'17 - 13th Sept'17		Self Administered Test-1	Full Syllabus	Easy & Moderate	65	100	180 min
5	13th Sept'17 Onwards		Extra Edge Test-04	Full Syllabus	Easy & Moderate	65	100	180 min
6	27th Sept'17 - 11th Oct'17		Self Administered Test-2	Full Syllabus	Easy & Moderate	65	100	180 min
7	4th Oct'17 Onwards		Extra Edge Test-05	Full Syllabus	Easy & Moderate	65	100	180 min
8	18th Oct'17 - 31st Oct'17		Self Administered Test-3	Full Syllabus	Moderate	65	100	180 min
9	1st Nov'17 Onwards		Extra Edge Test-06	Full Syllabus	Moderate	65	100	180 min
10	15th Nov'17 - 28th Nov'17		Self Administered Test-4	Full Syllabus	Moderate	65	100	180 min
11	29th Nov'17 - 12th Dec'17		Self Administered Test-5	Full Syllabus	Moderate	65	100	180 min
12	13th Dec'17 - 26th Dec'17		Self Administered Test-6	Full Syllabus	Moderate & Hard	65	100	180 min
13	23rd Dec'17 - 29th Dec'17		Monitored Test-01	Full Syllabus	Moderate & Hard	65	100	180 min
14	30th Dec'17 - 5th Jan'17		Monitored Test-02	Full Syllabus	Hard	65	100	180 min
15	6th Jan'17 - 12th Jan'18		Monitored Test-03	Full Syllabus	Hard	65	100	180 min
16	23rd Jan'18 - 29th Jan'18		Monitored Test-04	Full Syllabus	GATE level	65	100	180 min

