

CIVIL ENGINEERING

1. Structural Engineering
Engineering Mechanic, Solid Mechanics
2. Structural Analysis:
Construction Materials and Management, Concrete Structures, Steel Structures
3. Geotechnical Engineering
Soil Mechanics, Foundation Engineering:
4. Water Resources Engineering
Fluid Mechanics, Hydrology, Irrigation
5. Environmental Engineering
Water and Waste Water, Air Pollution, Noise Pollution
6. Transportation Engineering
Transportation Infrastructure, Traffic Engineering
7. Geomatics Engineering
Principles of surveying; Errors and their adjustment; Maps

Note: The topics mentioned are only indicative and cover the broad areas for the computer based test in line with requirement position.

MECHANICAL ENGINEERING

1. Applied Mechanics and Design, Engineering Mechanics, Mechanics of Materials, Theory of Machines, Machine Design
2. Fluid Mechanics and Thermal Sciences
Fluid Mechanics, Heat-Transfer, Thermodynamics, Applications, Power Engineering
3. Materials, Manufacturing and Industrial Engineering
Engineering Materials, Casting, Forming and Joining process, Machining and Machine Tool Operations, Metrology and Inspection, Production Planning and Control, Inventory Control, Operations Research

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