



# GATE 2027

## Check List

### Civil Engineering

All subjects are as per revised pattern of GATE

**23**  
Books

#### Set-A : Technical Books (Theory with Solved Examples)

| Sl. | Name of Books                                       | Description                 |
|-----|-----------------------------------------------------|-----------------------------|
| 1.  | Strength of Materials                               | Theory with Solved Examples |
| 2.  | Structural Analysis                                 | Theory with Solved Examples |
| 3.  | RCC & Pre-Stressed Concrete                         | Theory with Solved Examples |
| 4.  | Design of Steel Structures                          | Theory with Solved Examples |
| 5.  | Soil Mechanics and Foundation Engineering           | Theory with Solved Examples |
| 6.  | Environmental Engineering                           | Theory with Solved Examples |
| 7.  | Fluid Mechanics and Hydraulic Machines              | Theory with Solved Examples |
| 8.  | Engineering Hydrology                               | Theory with Solved Examples |
| 9.  | Irrigation Engineering                              | Theory with Solved Examples |
| 10. | Highway Engineering                                 | Theory with Solved Examples |
| 11. | Railway, Airport, Dock Harbour and Tunnelling Engg. | Theory with Solved Examples |
| 12. | Construction Materials                              | Theory with Solved Examples |
| 13. | Construction Practice, Planning and Management      | Theory with Solved Examples |
| 14. | Surveying and Geology                               | Theory with Solved Examples |
| 15. | Engineering Mechanics                               | Theory with Solved Examples |
| 16. | Open Channel Flow                                   | Theory with Solved Examples |

### Set-B : Workbooks

| Sl. | Name of Books                                                                                                                                                                                                                                                                 | Description    |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 17. | <b>Volume-1:</b> Strength of Materials + Structural Analysis + Engineering Mechanics + RCC & Pre-Stressed Concrete + Design of Steel Structures + Construction Materials + Construction Practice, Planning & Management                                                       | Workbook (PDF) |
| 18. | <b>Volume-2:</b> Fluid Mechanics and Hydraulic Machines + Engineering Hydrology + Irrigation Engineering + Highway Engineering + Railway, Airport, Tunnelling, Dock and Harbour Engineering + Surveying + Soil Mechanics & Foundation Engineering + Environmental Engineering | Workbook (PDF) |
| 19. | Engineering Mathematics + Aptitude & Reasoning + General English                                                                                                                                                                                                              | Workbook (PDF) |

### Set-C : Previous Solved Papers

| Sl. | Name of Books                                    | Description                       |
|-----|--------------------------------------------------|-----------------------------------|
| 20. | GATE : Previous Solved Papers                    | Previous Solved Papers            |
| 21. | General English                                  | Text Book with Practice Questions |
| 22. | Reasoning & Aptitude for GATE and ESE Prelims    | Text Book with Practice Questions |
| 23. | Engineering Mathematics for GATE and ESE Prelims | Text Book with Practice Question  |

