

NBCC (India) Limited



NBCC JE, DGM Exam Pattern

Subject	Number of Questions	Number of Marks
Civil Engineering	35 questions	35 marks
Electrical Engineering	35 questions	35 marks
Finance	30 questions	30 marks
Total	100 Questions	100 Marks

NBCC Junior Engineer, DGM Syllabus

Civil Engineering

- Flow of Fluids, Hydraulic Machines and Hydro Power
- Fluid Mechanics, Open Channel Flow, Pipe Flow
- Hydraulic Machines and Hydropower
- Hydrology and Water Resources Engineering
- Environmental Engineering
- Water Supply Engineering
- Building Materials
- Structural Analysis
- Design of Steel Structures
- Design of Concrete and Masonry structures
- Construction Practice
- Planning and Management
- Waste Water Engineering
- Solid Mechanics
- Solid Waste Management
- Air, Noise pollution, and Ecology
- Geotechnical Engineering and Foundation Engineering
- Surveying and Geology
- Transportation Engineering
- Highways
- Tunneling

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- Railways Systems
- Harbours
- Airports

Electrical Engineering

- Analog and Digital Electronics
- Systems and Signal Processing
- Control Systems
- Electrical Machines
- Electrical and Electronic Measurements
- <https://www.freshersnow.com/syllabus/>
- Engineering Mathematics
- Electric Circuits and Fields
- Computer Fundamentals
- Basic Electronics Engineering
- Electrical Materials
- Power Systems
- Power Electronics and Drives

Finance

- Budgeting
- Debt
- Net worth
- Credit
- Saving
- Investing
- Homeownership
- Taxes
- Insurance
- Accounting
- Interest