

TOPICS FOR THE COMPETITIVE EXAMINATION FOR POSTGRADUATE ADMISSIONS

CIVIL ENGINEERING DEPARTMENT

M.Sc. in Structural Engineering

	Subject	Weight (%)
1	Structural Analysis	30
2	Reinforced Concrete	30
3	Strength of Materials	20
4	Mathematics	20

M.Sc. in Geotechnical Engineering

	Subject	Weight (%)
1	Soil Mechanics	30
2	Foundation Engineering	30
3	Strength of Materials	20
4	Mathematics	20

M.Sc. in Construction Materials

	Subject	Weight (%)
1	Concrete Technology	30
2	Reinforced Concrete	30
3	Building Materials	20
4	Mathematics	20

M.Sc. in Surveying Engineering

	Subject	Weight (%)
1	Engineering Surveying	30
2	Highway Engineering	30
3	Engineering Statistics	20
4	Mathematics	20

M.Sc. in Hydraulics and M.Sc. in Hydrology

- Design of Hydraulic Structures
- Hydraulics
- Fluid Mechanics
- Hydrology
- Irrigation and Drainage
- Engineering Analysis and Numerical Methods
- Mathematics

M.Sc. in Communication Engineering

- Communication System
- Mathematics
- DSP
- Electrical Circuits
- Antenna and Propagation
- Programming
- Networking
- Electronic Principles (Digital and Analogue)
- Control Engineering

M.Sc. in Computer Engineering

- Microprocessors and Microcontrollers
- Mathematics
- DSP
- Electrical Circuits
- Computer Architectures
- Programming
- Networking
- Electronic Principles (Digital and Analogue)
- Control Engineering

M.Sc. in Power Engineering

- Machines (AC and DC)
- Mathematics
- Electrical Power Engineering
- Electrical Circuits
- Power System Analysis
- Programming
- Power Electronics
- Electronic Principles (Digital and Analogue)
- Control Engineering