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School of Engineering**M.Tech Structural Engineering
Mid Term Examination - May 2024****Duration : 90 Minutes
Max Marks : 50****Sem II - G1PC205T - Maintenance and Rehabilitation of Structures**General Instructions*Answer to the specific question asked**Draw neat, labelled diagrams wherever necessary**Approved data hand books are allowed subject to verification by the Invigilator*

- 1) Give an outline how does a concrete structure get affected by heat. K2 (2)
- 2) Define distress in a structure? K1 (3)
- 3) Summarize routing and sealing. K2 (4)
- 4) Illustrate the two maintenance processes in detail. K2 (8)
- 5) Identify the term quality of supervision in causes of deterioration. K3 (6)
- 6) Examine With a flow chart explain the procedure for assessing the damages of a distressed structure? K3 (9)
- 7) Describe the remedial maintenance in structure. K4 (8)

- 8) Examine What are the factors influencing the maintenance in buildings? K4 (12)

OR

- Examine the preventive maintenance measure. K4 (12)