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School of Engineering**B.TECH Civil Engineering
Mid Term Examination - May 2024****Duration : 90 Minutes
Max Marks : 50****Sem IV - G1UA401C - Construction Engineering**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) Define M45. K2 (2)
- 2) Define efflorescence. K1 (3)
- 3) Why you choose stone as a building material? K2 (4)
- 4) Explain characteristics of good timber K2 (6)
- 5) Explain the requirement and benefits of Good brick masonry K3 (6)
- 6) Illustrate the Slump cone test with skectch K3 (9)
- 7) Analyse all the mechanical properties of materials K4 (8)

- 8) Explain the various types of flat roof K4 (12)

OR

Explain with diagram different bonds in brick masonry? K4 (12)