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School of University Polytechnic

Diploma in Civil Engineering
Semester End Examination - Nov 2023

Duration : 180 Minutes
Max Marks : 100

Sem V - N1DB505C - Concrete TechnologyGeneral 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) State that statement is true or false: 1. The gap graded aggregate do not affect the compressive strength of concrete. K1 (2)
- 2) Explain water proofing of concrete K2 (4)
- 3) Express the need to vibrator in concrete K2 (6)
- 4) Show various cement compounds? K3 (9)
- 5) Illustrate bleeding of concrete. K3 (9)
- 6) Examine the properties of hardened concrete K5 (10)
- 7) Differentiate the various methods of batching of concrete. K4 (12)
- 8) Detect different types of cement. K5 (15)
- 9) Examine different cement test. K5 (15)
- 10) Explore hot weather concreting and its preventive measures. K6 (18)