

**School of University Polytechnic****Diploma in Civil Engineering  
Semester End Examination - Jun 2024****Duration : 180 Minutes  
Max Marks : 100****Sem II - N1DB202B - N1DB201B - DPCE1013 - Building Materials**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*

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|-----|---|--------|
| 1)  | What is the full form of OPC.   | K1(2)  |
| 2)  | Describe the calcinations process of pure lime extraction from lime stones. | K2(4)  |
| 3)  | Explain the advantages of seasoning   | K2(6)  |
| 4)  | Illustrate the different tests of stones.                                   | K3(9)  |
| 5)  | Illustrate the names and properties of different types of paints.           | K3(9)  |
| 6)  | Examine the requirement of new building materials.                          | K5(10) |
| 7)  | Analyze the method of water seasoning.                                      | K4(12) |
| 8)  | Examine the vicat apparatus test of cement.                                 | K5(15) |
| 9)  | Examine the difference between endogenous and Exogenous tree.               | K5(15) |
| 10) | Discuss the process of brick manufacturing.                                 | K6(18) |