

School of University Polytechnic

**Diploma in Civil Engineering
Semester End Examination - Aug 2024**

**Duration : 180 Minutes
Max Marks : 100**

Sem II - N1DB202B - Building MaterialsGeneral 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 PPC. | K1(2) |
| 2) | Describe the hydration process in cement. | K2(4) |
| 3) | Describe the formation of different types of rock. | K2(6) |
| 4) | Illustrate the qualities of good timber. | K3(9) |
| 5) | Illustrate the constituents of paints in detail. | K3(9) |
| 6) | Examine the defects due to conversion of timber. | K5(10) |
| 7) | Draw the cross-section of a tree with listing its component. | K4(12) |
| 8) | Examine the qualities of good brick making clay. | K5(15) |
| 9) | Examine the difference between Hoffman and bull trench kiln. | K5(15) |
| 10) | Elaborate the qualities of good building stones. | K6(18) |