



MBC-1601390101010400 Seat No. _____

First Year B. A. (ID) (Sem. I) Examination

November/December – 2016

Materials & Construction-I

Time : 2 Hours]

[Total Marks : 50

Instructions: 1: All questions are compulsory.

2: Any ambiguity will be considered as a wrong answer.

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|---|---|----|
| 1 | Write definitions of any five. | 10 |
| | Force, Dead Load, Twisting, Compression, Tension, Frame Structure, Live load | |
| 2 | Write Short notes on any two | 10 |
| | a) Cement, Cement Mortar, Cement Concrete & RCC | |
| | b) Earth Construction and Types | |
| | c) Cross-section of a tree trunk | |
| | d) Rubble and Ashlar Masonary | |
| 3 | Explain the following (any two) | 10 |
| | a) Preservation and Seasoning of timber. | |
| | b) Types of dressing in stone. | |
| | c) Ferrocement | |
| | d) Properties of good brick and types | |
| 4 | Design a wall of any of the given material - brick masonry or timber or bamboo. Schematic drawings. | 10 |
| 5 | Draft the designed wall. Plan & Elevations. Give all the necessary dimensions. | 10 |
