



**MBC-001-005107**

Seat No. \_\_\_\_\_

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

**November / December – 2016**

**Materials - I**

**Faculty Code : 001**

**Subject Code : 005107**

**Time : 2 Hours]**

**[Total Marks : 50**

**Instructions: 1: All questions are compulsory.**

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

**Q 1 Match the following:**

**10**

Shakes	-	termites
Clay	-	age
Hard wood	-	timber defects
Soft wood	-	tangential sawing
Defect due to insects	-	dressing
Granite	-	fly ash
Stone	-	plastic earth
Brick	-	indistinct annual rings & dark in colour
Timber	-	distinct annual rings & light in colour
Annual rings	-	plutonic rocks

**Q.2 Select right answer.**

**05**

**01. \_\_\_\_\_ is a mix of clay, straw, sand and water used for construction**

- A. Adobe**
- B. Plain cement concrete**
- C. Cob**
- D. None of the above**

**02. Simplest and oldest method of clay construction is**

- A: Cob**
- B: Rammed earth**
- C: Adobe**
- D: Wattle and daub**

03. Marble is made from
- Metamorphic rocks
  - Igneous rocks
  - Sedimentary rock
  - Plutonic rocks
04. \_\_\_\_\_ rocks are formed by the deposition of products of weathering on the pre-existing rocks.
- Sedimentary
  - Igneous
  - Plutonic
  - None
05. Rammed Earth is strong in.....
- Tension
  - Compression
  - Both
  - None

**Q.3 Draw a sketch of any one** **05**

- Design and draw one of your bonds in brick masonry. (except English and Flemish bond)
- Cross – section of a tree trunk

**Q. 4 Explain any two.** **10**

- Types of stone masonry.
- Preservation of timber.
- Explain qualities of a good stone.

**Q. 5 Describe any two.** **10**

- Distinguish between Igneous rocks and sedimentary rocks.
- Preparation of bricks.
- Defects / Knots in timber.

**Q. 6 Explain any two.** **10**

- Seasoning of timber.
- Classification of stones.
- Good quality bricks.