



**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
- A. Metamorphic rocks
  - B. Igneous rocks
  - C. Sedimentary rock
  - D. Plutonic rocks

04. \_\_\_\_\_ rocks are formed by the deposition of products of weathering on the pre-existing rocks.
- A. Sedimentary
  - B. Igneous
  - C. Plutonic
  - D. None

05. Rammed Earth is strong in.....
- A. Tension
  - B. Compression
  - C. Both
  - D. None

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

**05**

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

**Q. 4 Explain any two.**

**10**

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

**Q. 5 Describe any two.**

**10**

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

**Q. 6 Explain any two.**

**10**

- 1. Seasoning of timber.
- 2. Classification of stones.
- 3. Good quality bricks.