DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE – RAIGAD -402 103

Mid Semester Examination – March - 2019

Branch: B.Arch. (First Year)   **Sem.:- II**

Subject with Subject Code: Building Construction   **Marks: 50**
Technology & Materials-II (AR10020003)

Date: - 13/ 03/ 2019   **Time: - 3 Hr.**

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Instructions: - Attempt any one from Q4 to Q5

                                                                          (Marks)

1) Explain the proportioning of concrete with its ingredients.   10

2) Describe in detail market forms of steel & its uses in construction.   10

3) Explain different types of mortar, their use and teste of mortar.   10

4) Draw a neat & proportionate sketch of an external cavity wall showing details at Foundation

   Level and at lintel level.   20

<center>**OR**</center>

5) Draw a neat & proportionate sketch of a gypsum partition wall which is to be constructed
   In a hall admeasuring 4.5mt X 6.5 mt. to divide it in to two parts. Take height of wall 2.1 mts.
   use suitable size of a channel section and the gypsum sheet.   20