

1. Attempt (a), (b) and any one from (c) *or* (d) :
  - (a) Explain various components of a building with a labelled diagram. **8**
  - (b) Explain usage of stone as a building material in contemporary architecture. **8**
  - (c) Compare 'English' and 'Flemish' bond in brick as a building materials. **9**
  - (d) Enumerate General suggestion in using bricks Masonry tools. **9**
2. Draw L-bond junction in one brick thick wall at a suitable scale. Drawing should include plan, elevation of two courses of English Bond. **25**
3. Draw 3 brick Masonry tools and 3 stone Masonry tools. **25**
4. Draw plan, section, elevation of coursed and uncoursed rubble masonry. **25**
5. Draw any one brick arch. and one stone arch with a labelled diagram. **25**

**M-A-4001**

**2**

**80**

**No. of Printed Pages : 02**

**Roll No. ....**

**A-4001**

**B. Arch. EXAMINATION, Dec. 2018**

(First Semester)

(B. Scheme) (Main & Re-appear)

(ARCH.)

AR103B

**BUILDING CONSTRUCTION AND  
MATERIALS-I**

*Time : 3 Hours]*

*[Maximum Marks : 75*

---

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

---

**Note :** Attempt *three* questions in all. Q. No. **1** is compulsory, any *two* questions out of rest of four need to be attempted.

**(3-06/10)M-A-4001**

**P.T.O.**