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Total No. of Pages : 02

Total No. of Questions : 06

**B. Architecture (Sem.-6)**  
**ESTIMATING COSTING & BUILDING ECONOMICS-I**  
**Subject Code : AR-332**  
**M.Code : 45049**

Time : 3 Hrs.

Max. Marks : 50

**INSTRUCTIONS TO CANDIDATES :**

1. Section-A is compulsory carrying TWENTY marks.
2. Attempt any Three questions from Section-B.
3. All questions carry equal marks except question no. 1.
4. Assume missing data, if any.

**SECTION-A**

- 1) Prepare the estimate of following quantities for plan in enclosed figure. (20)
- a) Brickwork in superstructure and substructure
  - b) Plastering in interior
  - c) R.C.C. in roof slab.

**SECTION-B**

- 2) Explain various method of approximate estimating along with their merits and demerits.
- 3) Give the analysis of rate of following items of work
  - a) R.C.C. 1:2:4 in columns (Quantity 3 cum.)
  - b) 12 mm thick plastering in 1:6 cement mortar (Quantity 14 sq.m.)
  - c) Brickwork in 1:6 superstructure (Quantity -8cu. m.)
- 4) What considerations should be kept in mind while doing the valuation of a residential property?
- 5) Enlist and discuss various factors that affect the cost of the buildings.
- 6) Which method of detailed estimating is best and why? Explain with the help of example.

