

Roll No.

Total no. Of pages: 01

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B.Arch. (Semester: 6th)
ESTIMATING & COSTING
Subject Code: BARC1– 645
Paper ID: 120137

Time: 03 Hours

Maximum marks: 60

Instructions to candidates:

1. Question no. 1 is compulsory.
2. Attempt any four questions from Unit I, II & III, selecting at least one question from each unit.

Q1. Write the followings:

2 x 6 = 12

- a. Enlist approximate estimating methods. Which among them is best and why?
- b. Which method of Estimating among centre line and individual wall is better & why?
- c. Give brief specification of Plastering & Pointing.
- d. Explain the importance of Analysis of rates in Estimation in brief.
- e. Differentiate between Itemized Bill of Quantities and Location Bill of Quantities.
- f. Explain Selective Tendering along with its merits and demerits.

Unit -I

(12 marks each)

Q2. Explain the Centre Line Method of estimating with the help of examples.

Q3. Find out the following quantities:

- a. Bricks, Cement & sand required for 24 cu. mt. of brickwork in 1:6.
- b. Snowcem for 1st coat & 2nd coat of 387 sq.mt. area.
- c. Dry mortar for 6 mm plastering (1:4) of 123 sq.mt. of ceiling.

Unit -II

(12 marks each)

Q4. Specification is considered backbone of Tendering Process. Do you agree with it? Explain.

Q5. Write detailed specifications for the following civil works

- a. Reinforced Cement Concrete work in slabs
- b. Marble & Tile Flooring

Unit -III

(12 marks each)

Q6. Explain in detail various types of tenders along with their merits and demerits.

Q7. Explain various methods of valuation of buildings in detail.