

B.Arch.Fifth Semester (Architecture) (Old)

Estimating : 5 SA 7

P. Pages : 2

Time : Two Hours

**AU - 3125**

Max. Marks : 40

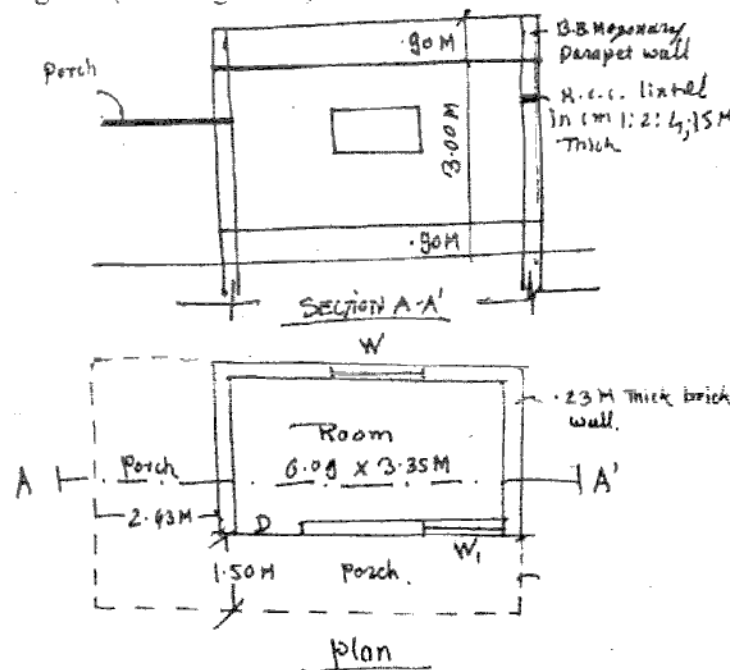
- Notes :
1. Answer **two** question from Section A and **two** question from Section B.
 2. Question No. **5** from Section **B** is compulsory.
 3. Diagrams and chemical equations should be given wherever necessary.
 4. Use of slide rule logarithmic tables, Steam tables, Moller's Chart, Drawing instrument, Thermodynamic table for moist air, Psychrometric Charts and Refrigeration charts is permitted.
 5. I.S.I. Hand book for structural Steel section, I.S. Code 800/1962 or 1964, I.S. 456 (Revised) I.S. 875 may be consulted.
 6. Use of D.A. Lows "Pocket Book for Mechanical Engineers" is permitted.

SECTION - A

1. What are the different methods of building Estimate? Explain any one in brief? 10
- OR
2. What is an estimate? Explain Rough estimate? Why rough estimate is necessary and How is this prepared?
3. What is schedule of rates & How it is prepared. 10
- OR
4. What is detailed estimate? What are the factors to be considered during preparation of a detailed estimate?

SECTION - B

5. Work out the detailed quantity of plastering (bath internal & external) & Doors & window quantity of a plan given (See diagram B) 10



W - 1.82 x 1.30M - window
 W₁ - 1.20 x 1.30M - window
 D - 2.10 x 1.00M - Door.
Diagram - B

6. a) Suggest the mode and units of measurement of Tiles work and plumbing work of a building. **10**
b) Explain the term's Administrative approval & Technical sanction.

OR

7. Write critical notes on **any three**. **10**
a) Measurement sheet.
b) Task work per day.
c) Work Charged establishment.
d) Contingencies.
e) Importance of specification in estimate.
