

Enrolment No./Seat No_____

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VII EXAMINATION – SUMMER 2025

Subject Code:2170610

Date:08-05-2025

Subject Name:Professional Practices and Valuation

Time:02:30 PM TO 05:00 PM

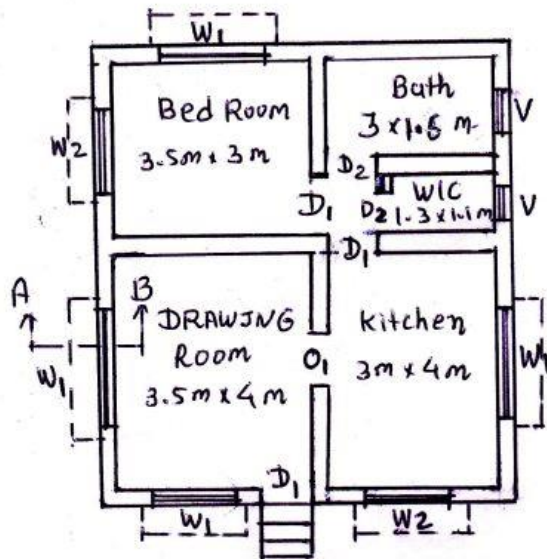
Total Marks:70

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Simple and non-programmable scientific calculators are allowed.

- Q.1 (a)** For the following given figure 1, calculate the quantities of following items by centre line method. **07**
1. PCC (1:4:8) in foundation.
 2. RCC slab (1:2:4).
 3. Flooring.
- (b)** (I) Draft a typical tender notice for the construction of educational building. **04**
(II) Write measuring unit for the following items.
- | | | | |
|--------------------|-----------------------|-------------------|-----------|
| 1. Excavation work | 2. Brick Masonry work | 3. Partition Wall | 03 |
|--------------------|-----------------------|-------------------|-----------|
- Q.2 (a)** Explain the principles of writing the specifications. **07**
(b) What do you mean by estimating? Explain in brief various methods of estimation. **07**
- OR**
- (b)** Explain in detail different types of tenders. **07**
- Q.3 (a)** Explain brief specifications and detailed specifications. **07**
(b) Enlist different types of contract and explain item rate contract in detail. **07**
- OR**
- Q.3 (a)** Write short notes on: **07**
1. Tender notice
 2. Unbalanced tender
- (b)** Write detailed specifications for Plastering for Brick masonry wall. **07**
- Q.4 (a)** Explain requirements of valid contract as per the Indian contract act. **07**
(b) What is rate analysis? Explain in brief various factors affecting the rate analysis. **07**
- OR**
- Q.4 (a)** Enlist the various methods of valuation and explain any one in detail. **07**
(b) Write short note on : **07**
1. Scrutiny of tender
 2. Revocation of tender
- Q.5 (a)** Write short notes on **07**
- (i) Effects of easement on valuation
 - (ii) Freehold and leasehold
- (b)** Work out rate analysis for 12 mm thick plastering in cm (1:6). **07**
- OR**
- Q.5 (a)** What is valuation? Explain in brief various purposes of Valuation. **07**
(b) A motor cycle was purchased in RS.60, 000/- assuming its salvage value at the end of 6 years to be Rs. 15,000/-. Determine the amount of depreciation for each year by (i) Straight line method (ii) Constant percentage method. **07**

Fig: 1



Note:-

All walls are 30 cm Thick

Door- window schedule:-

$D_1 = 1.2 \times 2.1 \text{ m}$

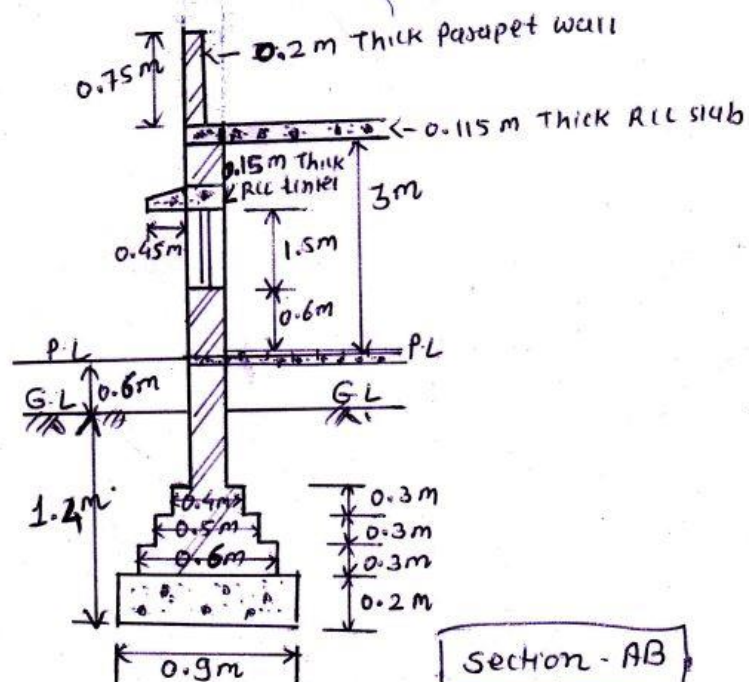
$D_2 = 1 \times 2.1 \text{ m}$

$O_1 = 1.2 \times 2.1 \text{ m}$

$W_1 = 1.5 \times 1.5 \text{ m}$

$W_2 = 1.2 \times 1.2 \text{ m}$

$V = 0.6 \times 0.6 \text{ m}$



Section - AB