

GUJARAT TECHNOLOGICAL UNIVERSITY**B.ARCH - SEMESTER-VI EXAMINATION – SUMMER 2022****Subject Code:2X65005****Date:10-06-2022****Subject Name:Estimating And Costing****Time:10:30 AM TO 12:30 PM****Total Marks: 50****Instructions:**

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

		Marks
Q.1	(a) Which types of Data are required for the Estimation? Draw the Abstract and Measurement Sheet.	10
Q.2	(a) Prepare the Estimation of following quantities given in fig.1 (Use any Method) <ol style="list-style-type: none">1. Excavation2. P.C.C3. 2nd class brickwork for footings up to plinth level.	10
Q.3	(a) What is mean by 'Specification'? Enlist and explain the various types of specification.	10
Q.4	(a) Find the rate of Plain cement concrete (1:1.5:3) per m ³ . by rate analysis. Assume suitable rates of material and labour.	10
Q.5	(a) Enlist the Different types of Detailed Estimate. Explain any two.	10
Q.6	(a) Find the quantity and rate analysis for 100 m ² area and 12 mm thick plaster (1:4).	10
Q.7	(a) Write the Specification for the 1 st class brickwork in CM (1:6) for superstructure.	10

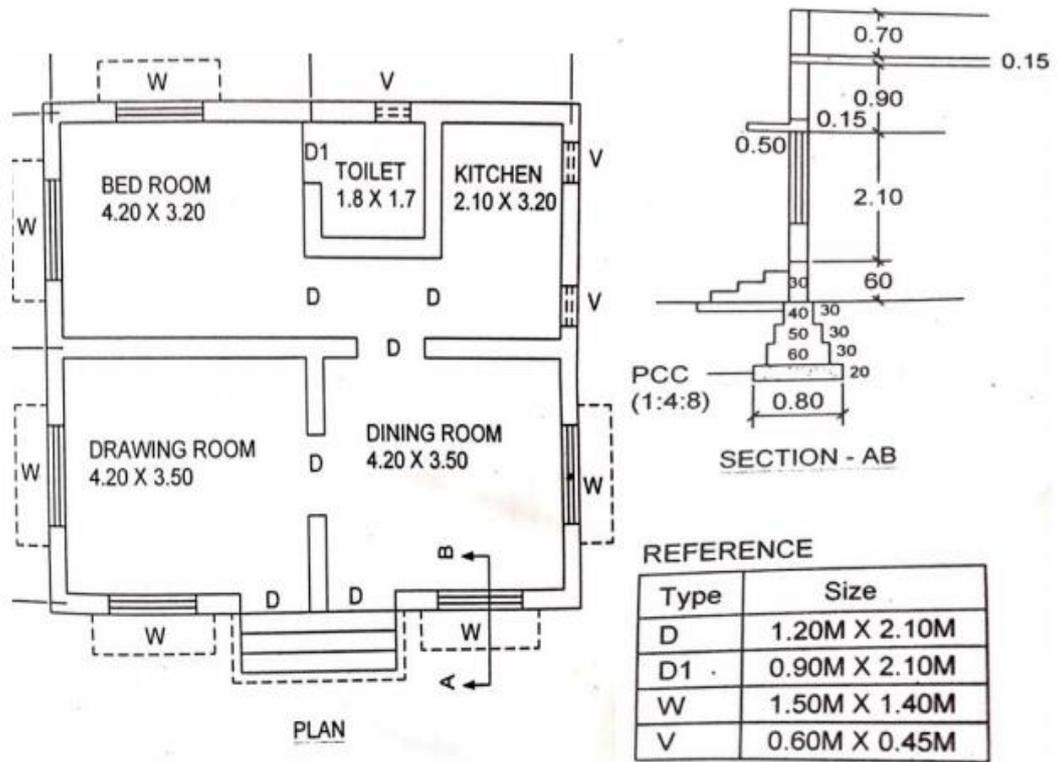


Figure - 1

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