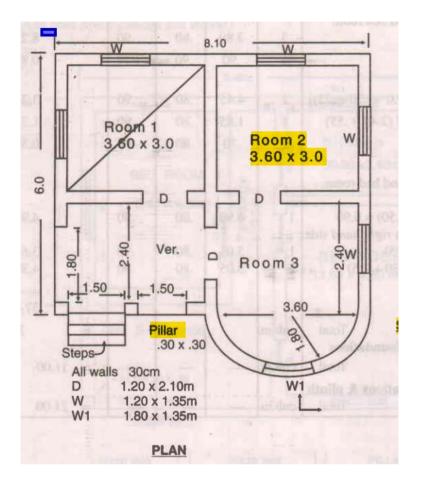
:	Seat No.	: Enrolment No.	
		GUJARAT TECHNOLOGICAL UNIVERSITY	
		BE - SEMESTER-VIII • EXAMINATION – SUMMER • 2015	
	_	t Code:180603 Date:13/05/2015	
	•	t Name: Professional Practice & Valuation	
	Time: 1 Instructio	0.30AM-01.30PM Total Marks: 70	
J		. Attempt all questions.	
	2	 Make suitable assumptions wherever necessary. Figures to the right indicate full marks. 	
Q.1	(a)	Refer fig.No.1 and workout the following items for the entire house. 1) Excavation for foundations 2) Brick work in cement mortar in foundation and Plinth.	07
	(b)	Calculate the amount of cement and sand required for item no.2 in Question no. 1(a) above.	07
Q.2	(a) (b)	Write Detailed specifications for plain cement concrete (1:2:4) Write Detailed specifications for excavation in foundation. OR	07 07
	(b)	Write Detailed specification for cement plaster (1:6)	07
Q.3	(a)	Analyze the rate of 1cum of R.C.C.(1:2:4) slab reinforce with M.S. reinforcement up to 90Kg / Cum of cement concrete, including centering and shuttering laid in	07
	(b)	position and complete in all respect. Assume suitable market rates. Calculate amount of cement and sand required for 1cum of Plain cement concrete (1:2:4).	07
0.0		OR	0=
Q.3	(a)	Define Rate analysis and explain various steps taken in to consideration for preparing detailed analysis of rate.	07
	(b)	State the market prices for the following 1) Cement bag of 50 Kg 2) White cement bag of 5 Kg 3) Wages per day for mason 4) Wages of labour per day 5) hire charges of concrete mixer per day 6) Hire charges of vibrator per day 7) Thousand bricks	07
Q.4	(a)	Write short note on "Condition of Contract" and Explain important contractual conditions.	07
	(b)	Draft a typical Tender Notice for the construction of your own house. OR	07
Q.4		Explain the responsibility of Owner, Architect, Contractor and Engineering in civil engineering works.	07
	(b)	Explain the following terms 1) Measurement book 2) Abstract 3)Final Bill 4) Contacts 5) Agreements 6) Vouchers 7)Task	07
Q.5	(a)	Explain the purpose of valuation of real properties and describe any one method of valuation of buildings.	07
	(b)	Explain following terms 1) Depreciation 2) Sinking fund 3) obsolescence 4) out going 5) Capitalized value 6) Years purchase 7) Market Value OR	07
Q.5	(a)	Explain rental method of valuation with a typical example.	07
	(b)	The value of building is `800000/- it is 30 years old and is in good condition if the life of building is 80 years, What is its present value for acquisition? Assuming rate of interest as 7% calculate the standard rent on present day	07

value of the building.

Plan Section of Wall



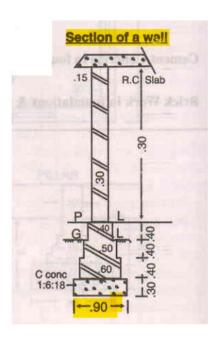


Fig. 1 (Q.1(a))

All dimensions are in meters