

Seat No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

**GUJARAT TECHNOLOGICAL UNIVERSITY****BE - SEMESTER- VIII EXAMINATION – SUMMER 2020****Subject Code: 2170610****Date: 28/10/2020****Subject Name: PROFESSIONAL PRACTICES & VALUATION****Time: 10:30 AM TO 01:00 PM****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

Q.1 (a) From the given plan and foundation details given in figure 1, find out the quantity of earthwork in excavation by long wall-short wall method. (3)

Q.1 (b) From the given plan and foundation details given in figure 1, find out the quantity of earth filling in foundation and plinth. (4)

Q.1 (c) Write short notes on (7)

- (i) Effects of easement on valuation
- (ii) Freehold and leasehold property

Q.2 (a) Write short note on rejection of tender. (3)

Q.2 (b) Explain in detail different types of tenders. (4)

Q.2 (c) From the given plan and foundation details given in figure 1, find out the quantity of following by long wall short wall method. (7)

1. PCC (1:4:8) in foundation.
2. Brick masonry work in foundation upto plinth.

**OR**

Q.2 (c) Explain in detail various factors affecting the rate analysis. (7)

Q.3 (a) Explain in brief detailed estimate. (3)

Q.3 (b) Define specifications. Give their importance. (4)

Q.3 (c) Write detailed specifications for the following items. (7)

1. Earth work in excavation in foundation
2. Plastering for brick masonry wall

**OR**

Q.3 (a) Explain in brief Earnest money deposit and security deposit. (3)

Q.3 (b) Explain in detail procedure of submission of tender. (4)

Q.3 (c) Workout rate analysis for 12 mm plastering in brick masonry wall in cm(1:4) (7)

Q.4 (a) Write a short note on market survey. (3)

Q.4 (b) Differentiate between brief specifications and detailed specifications. (4)

Q.4 (c) Enlist various method of calculating depreciation and explain any one in detail. (7)

**OR**

Q.4 (a) Enlist various types of labours employed on construction work and their daily wages. (3)

- Q.4 (b) Write short notes on: (4)  
1. Measurement book  
2. Muster roll
- Q.4 (c) Explain in brief different types of contract. (7)
- Q.5 (a) Enlist various conditions of contract. (3)
- Q.5 (b) Write short notes on (4)  
(i) Work charged establishment  
(ii) Valuation table
- Q.5 (c) Write short notes on: (7)  
1. Termination of contract  
2. Contractual disputes

OR

- Q.5 (a) Enlist points to be kept in mind while fixing the rent of a building. (3)
- Q.5 (b) Explain in brief purposes of valuation. (4)
- Q.5 (c) The cost of newly constructed building was Rs. 1,50,000/- . The life of building is 75 years. Determine the depreciation in the 30 th year of life by straight line method, constant percentage method and sinking fund method at the 8 % compound interest. The scrap value of building is 10 % of its construction cost. (7)

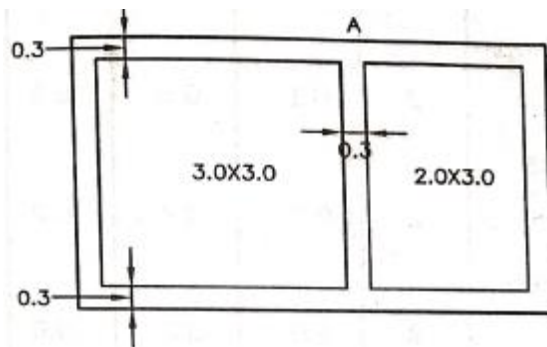
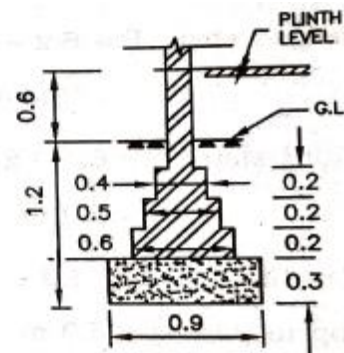


Figure-1



all dimensions are in M

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