

Enrollment No: _____

Exam Seat No: _____

C. U. SHAH UNIVERSITY

Winter Examination-2022

Subject Name : Professional Practice and Valuation

Subject Code : 4TE07PPV1

Branch: B.Tech (Civil)

Semester: 7

Date: 22/11/2022

Time: 11:00 To 02:00

Marks: 70

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
 - (2) Instructions written on main answer book are strictly to be obeyed.
 - (3) Draw neat diagrams and figures (if necessary) at right places.
 - (4) Assume suitable data if needed.
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Q-1 Attempt the following questions: (14)

- a) What are the data required for preparing an estimate ?
- b) What are the duties of a estimator ?
- c) What is rate analysis ?
- d) What is specifications?
- e) What are the importance of specification?
- f) What is tender ?
- g) Enlist various types of rate analysis.
- h) Define contract.
- i) What are the types of culvert?
- j) What are the methods of estimate?
- k) Define quantity surveyor
- l) Write the duties of quantity surveyor.
- m) Define lead.
- n) Define valuation.

Attempt any four questions from Q-2 to Q-8

Q-2 Attempt all questions (14)

- A** Explain the different types of estimate. **07**
- B** Give the Rate analysis of the following items: **07**
- (1) Brick bat cement concrete in foundation (B.B.C.C)(1:5:10) for 10 m³
 - (2) R.C.C (Slab and Beam) work 1:1.5:3 for 10 m³
 - (3) First class brickwork in superstructure in C.M 1:4
 - (4) 12mm thick cement plaster in C.M 1:4
 - (5) Random rubble masonry in C.M 1:6

Q-3 Attempt all questions (14)

- A** Differentiate between brief specification and Detailed specification. **07**
- B** Enlist and explain types of values. **07**



Q-4	Attempt all questions	(14)
A	Distinguish between the terms. 1. Scrap value and salvage value 2. Book value and market value	07
B	Explain method of calculating depreciation.	07
Q-5	Attempt all questions	(14)
A	Explain types of rent.	07
B	The cost of a newly constructed building is Rs. 120000. Life of building is 75 years and scrap value is 12% of the cost of the building .Using straight line method. Calculate the book value at the end of 35 years. What is the use of muster role? What are the rules to be observed in its preparation?	07
Q-6	Attempt all questions	(14)
A	How the record of material at site is managed?	07
B	What are the types (categories) of contractor?	07
Q-7	Attempt all questions	(14)
A	Explain type of contracts and Lump-sum contracts.	07
B	Explain following related to contract a. Earnest Money Deposit (EMD) b. Security Deposit c. Liquidated Damage.	07
Q-8	Attempt all questions	(14)
A	What are the general principles for deciding the units of measurement of work ?	07
B	Explain mode of measurement for earthwork as per IS:1200.	07

