

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VIII (OLD) EXAMINATION – WINTER 2018****Subject Code: 180603****Date: 19/11/2018****Subject Name: Professional Practice & Valuation****Time: 02:30 PM TO 05:30 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) Enlist the different types of estimate and explain any one in detail. **07**
 (b) Define rate analysis. What are the purposes of it? Also state the factors affecting rate of an item. **07**
- Q.2** (a) Differentiate between Free hold property & Lease hold property. **07**
 (b) Write detailed specification for the First class brick work in C.M. (1:6). **07**
- OR**
- (b) What are the essential principles of writing good specifications? **07**
- Q.3** (a) Explain Earnest money deposit & security deposit. **07**
 (b) Find the rate of Brickwork in 10cm thick partition wall in C.M. 1:4 by rate analysis. **07**
 Assume suitable rates of material & Labour.
- OR**
- Q.3** (a) Enlist various types of excavation equipments. Explain any one with sketch. **07**
 (b) Write a short note on (i) Contingency, (ii) Spot items. **07**
- Q.4** (a) Define tender? Draft a typical tender notice for construction of environment lab having area of 600M² owned by GUJCOST. **07**
 (b) What is Muster roll? What are the rules to be observed in its preparation? **07**
- OR**
- Q.4** (a) Define Contract. Enlist the different types of contracts & explain percent rate contract. **07**
 (b) Write factors affecting selection of Construction Equipment. **07**
- Q.5** (a) Explain in brief: (i) Open tender, (ii) Selected or limited tender. **07**
 (b) A person purchased a building for Rs. 2,50,000 having land cost Rs. 50,000. If the life of building is 30 years and rate of interest is 6%. Find the annual installment of sinking fund. Assume scrap value as 10% of the construction. **07**
- OR**
- Q.5** (a) State the Market prices for the following (i) Cement Bag (50kg), (2) Brick (1000Nos.), (iii) Sand, (iv) Wages of Mason per day, (v) Wages of labour per day, (vi) hire charges of vibrator per day, (vii) Mild steel Bar (1kg). **07**
 (b) Give difference between : i) Market value & Book Value **07**
 ii) Scrap Value & Salvage Value
