

GUJARAT TECHNOLOGICAL UNIVERSITY**BPlan - SEMESTER-II • EXAMINATION – SUMMER 2017****Subject Code: 1025503****Date: 29/05/2017****Subject Name: Specifications, Estimation and Valuation****Time: 02:30 PM to 05:00 PM****Total Marks: 50****Instructions:**

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

- Q.1** (a) What is specification? Differentiate between general & detailed specifications. **05**
- (b) Write a short note on: **05**
- i) Importance of specification
 - ii) Closed specification
- Q.2** (a) Discuss the principles of writing specifications in detail. **05**
- (b) Explain in brief various types of estimates. **05**

OR

- (b) Define the term rate analysis and mention its purpose and importance. **05**
- Q.3** (a) What are the essentials necessary for the person carrying out the rate analysis? **05**
- (b) What is schedule of rates? How is it used to prepare an estimate of any project? **05**

OR

- Q.3** (a) Discuss various methods of working out the approximate cost of a building. **05**
- (b) Write a general specification for earthwork for roads in embankment. **05**
- Q.4** (a) Describe the factors affecting the rate analysis of an item. **05**
- (b) What are the different methods used to estimate the quantity of road work. **05**

OR

- Q.4** (a) What is depreciation and obsolescence? What are the various methods used to calculate depreciation value? **05**
- (b) A finance company offers to give Rs. 8000/- after 12 years in return of Rs. 1000 **05**

deposited today. Find the rate of interest.

- Q.5** (a) A temporary shed has been constructed for Rs. 15,000/-. Assuming its salvage at the end of 6 years as Rs. 4000/-, determine the amount of depreciation and book value for each year by Straight line method. **05**
- (b) What are the factors affecting changes in the market value of a property? **05**

OR

- Q.5** (a) What is valuation? Calculate the value after 5 years if Rs. 8000 deposited today with the rate of interest of 8% and 15%. **05**
- (b) Differentiate between the following: **05**
- i) Salvage value and Scrap value.
 - ii) Sentimental value and Speculative value