

Seat No.: _____

Enrolment

No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VI • EXAMINATION – WINTER • 2014

Subject Code: 161303

Date: 01-12-2014

Subject Name: Estimation, Specification and Project Management

Time: 02:30 pm - 05:00 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) Write down the factors affecting Rate Analysis. **07**
(b) Differentiate between PERT and CPM network. **07**
- Q.2** (a) Write a short note on “Earnest Money and Security Deposit”. **07**
(b) Write a short note on Lump sum Contract. **07**
- OR**
- (b) What are the objectives and uses of Specifications? **07**
- Q.3** (a) Explain Long wall and short wall method of estimate with example. **07**
(b) Write detailed specifications of R.C.C. work. **07**
- OR**
- Q.3** (a) Write a short note on Unbalanced Tender. **07**
(b) Write detailed specifications of Excavation. **07**
- Q.4** (a) Enlist the types of Foundations and explain any one in detail. **07**
(b) Prepare Rate Analysis for cement concrete (1:2:4). **07**
- OR**
- Q.4** (a) Write a short note on contractual disputes and arbitration. **07**
(b) Prepare Rate Analysis for 12mm thick plastering. **07**
- Q.5** (a) What is Milestone chart? Differentiate between Milestone chart and Bar chart. **07**
(b) What is Scheduling? What is its role in Construction Project? **07**
- OR**
- Q.5** (a) Define an Event and Activity. Differentiate between Event and Activity. **07**
(b) What is Contract? What are the essential requirements of a valid Contract? **07**
