

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**BE – SEMESTER – VI EXAMINATION – WINTER 2015**

**Subject Code:161303****Date:08/12/ 2015****Subject Name: Estimation, Specification and Project Management****Time:2:30pm to 5:00pm****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) Differentiate between PERT & CPM Network. **07**  
(b) What are the objectives and uses of Specifications? **07**
- Q.2** (a) Write the Specification of P.C.C.(1:4:8). **07**  
(b) Write a Short note on Earnest money deposit and Security Deposit. **07**
- OR**
- (b) Write detailed specification of R.C.C work. **07**
- Q.3** (a) Write a Short note on Negotiated contract. **07**  
(b) Write a short note on Unbalanced Tender. **07**
- OR**
- Q.3** (a) Enlist the type of foundations and Explain any one in detail. **07**  
(b) Write a short note on Lump Sum contract. **07**
- Q.4** (a) Prepare Rate Analysis for cement concrete (1:2:4). **07**  
(b) Explain long wall short wall method of Estimate with Example. **07**
- OR**
- Q.4** (a) Prepare Rate Analysis for 12mm thick plastering. **07**  
(b) Write down factors Affecting on Rate Analysis. **07**
- Q.5** (a) What is planning? What is its role in construction project management? **07**  
(b) Define an Event And Activity. Differentiate between Event & Activity. **07**
- OR**
- Q.5** (a) What is bar chart? Differentiate between Mile stone chart And Bar chart. **07**  
(b) Define And Explain following terms (1) optimistic time (2) pessimistic time (3) Most likely time (4) Project management **07**

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