

Seat No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**MBA – SEMESTER – 4 • EXAMINATION – WINTER 2015****Subject Code: 2840006****Date: 01/12/2015****Subject Name: Project Management (PM)****Time: 02.30 PM TO 03.30 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) Define PERT and CPM. Explain the rules of constructing a network. **07**  
(b) Define Project. Explain the Project Life Cycle in details. **07**

- Q.2** (a) Why team work is important in Project Management? Describe the Five Stage Team Development Model. **07**  
(b) Discuss the conditions for Project Closure. **07**

**OR**

- (b) Explain the types of risks a Project Manager may face while handling a project. **07**
- Q.3** (a) What is the meaning of Resource Constrained Project? Explain the types of Resource Constraints. **07**  
(b) Explain the Top-Down approach for Estimating Project Time and Costs. **07**

**OR**

- Q.3** (a) Define Project Scope. Discuss about the Project Scope Checklist. **07**  
(b) What is WBS? Explain the process of developing WBS. **07**

- Q.4** (a) Explain the types of Ownership Securities. **07**  
(b) Discuss about Project Financing in India and SEBI Guidelines. **07**

**OR**

- Q.4** (a) Why do firms outsource Project Work? Discuss the advantages and disadvantages of outsourcing the Project Work. **07**  
(b) Explain in details the Project Control Process. **07**

- Q.5** (a) Discuss the qualities of an effective Project Manager. **07**  
(b) Write a note on responsibilities of various stakeholders involved in a Project. **07**

**OR**

- Q.5** (a) Discuss various types of Hybrid Securities. Explain various ways by which Project Financing can be regulated. **07**

- (b) Following is the activity and duration details of a construction project. **07**

Activity	Normal Time (Days)
1-2	10
1-3	11
2-4	13
2-6	14

3-4	10
4-5	7
4-6	17
5-7	13
6-7	9
7-8	1

You are required to help the contractor of the construction project with the following:

- i) Draw the network diagram
- ii) Calculate EST, EFT, LST, LFT and slack for each activity
- iii) Find Critical Path

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