

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

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

**GUJARAT TECHNOLOGICAL UNIVERSITY**

**M.B.A -IV<sup>th</sup> SEMESTER-EXAMINATION – MAY- 2012**

**Subject code: 2840006**

**Date: 18/05/2012**

**Subject Name: Project Management (PM)**

**Time: 10:30 am – 01:30 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) Project is different from routine process. Discuss. Also discuss various stages of a typical project. **07**
- (b) What do you understand by work-breakdown structure (WBS)? As a project consultant, develop a WBS for a project of manufacturing a bicycle. **07**

- Q.2** (a) Various kinds of risks are associated with Project. What are the different steps of the risk management process? **07**
- (b) As a management student you have to conduct a management event in your college. How will you develop the project team using five stage team development model? **07**

**OR**

- (b) Communication among team members is the key for handling any project successfully. Discuss with example. **07**

- Q.3** (a) Due to the shortage of resources and expertise, some of the organizations outsource their projects. Which are the key points that an organization should consider while outsourcing? **07**
- (b) Discuss the process of project audit. **07**

**OR**

- Q.3** (a) Every project comes to an end, eventually. Discuss various types of project terminations in brief. **07**
- (b) The rules and guidelines of SEBI are designed to protect the interest of investors. Briefly discuss the SEBI Disclosure and Investor Protection (DIP) Guidelines, 2000. **07**

- Q.4 (a)** The owner of a chain of fast-food restaurants is considering a new computer system for accounting and inventory control. A computer company sent the following information about the system installation: **14**

| ACTIVITY | IMMEDIATE PREDECESSOR | TIME (In days) |                |                |
|----------|-----------------------|----------------|----------------|----------------|
|          |                       | T <sub>o</sub> | T <sub>M</sub> | T <sub>P</sub> |
| A        | --                    | 4              | 6              | 8              |
| B        | A                     | 5              | 7              | 15             |
| C        | A                     | 4              | 8              | 12             |
| D        | B                     | 15             | 20             | 25             |
| E        | B                     | 10             | 18             | 26             |
| F        | C                     | 8              | 9              | 16             |
| G        | E                     | 4              | 8              | 12             |
| H        | D,F                   | 1              | 2              | 3              |
| I        | G,H                   | 6              | 7              | 8              |

- Draw a network diagram
- Calculate EST, EFT, LST, LFT and slack for each activity
- find out critical path and minimum project completion time
- Determine the probability that the project will be completed in 55 days.
- If the company agrees to be 90% sure that the system will be installed by a certain due date, how many days prior to that should it start the work?

**OR**

- Q.4 (a)** Which is the Apex institution, for financing Export and Imports in India, set up in 1982 under the Export-Import Bank of India Act 1981? Enlist the types of Project Finance given by the same. **07**

- (b)** Small Scale Industries (SSI) holds the key toward sustained economic development. Discuss the role of SIDBI towards financing of SSI. **07**

- Q.5 (a)** What are the different types of ownership capital for Project financing? Briefly discuss each of them. **07**

- (b)** Compare and Contrast Preference Shares and Debentures as a source of long term fund. **07**

**OR**

- Q.5 (a)** Suppose you are the in-charge of organizing a dinner dance party for a local charity. You have reserved a hall that will seat 30 couples and have hired a jazz combo. Develop scope statement for this project covering all the aspects of project management. **07**

- (b)** PERT and CPM are two different techniques used in project scheduling for different situation. Discuss in detail with examples. **07**

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