

**GUJARAT TECHNOLOGICAL UNIVERSITY**

**BE - SEMESTER-VIII (OLD) EXAMINATION – SUMMER 2019**

**Subject Code: 182506**

**Date: 17/05/2019**

**Subject Name: Managing Projects**

**Time: 10:30 AM TO 01:00 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)** The network for a certain project is shown in Figure-1. Determine the expected time for each path. Which path is critical? **07**

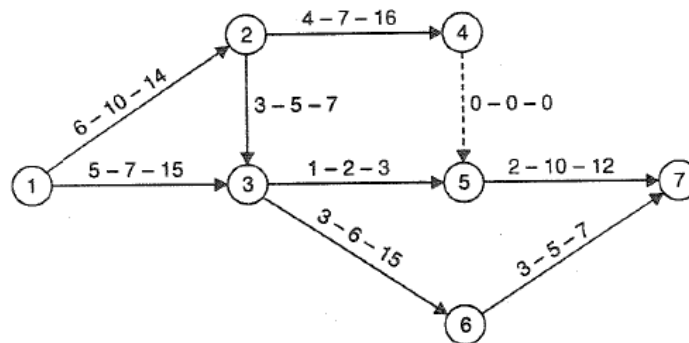


Figure-1

- (b)** For the network as shown in Figure-2, determine  $T_E$ ,  $T_L$  and slack for various events. Present the computations in tabular form. **07**

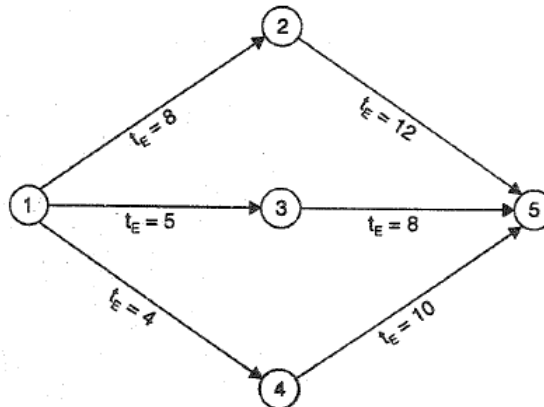


Figure-2

- Q.2 (a)** Discuss the three goals of a Project. **07**  
**(b)** Give difference between Project Management and General Management. **07**

**OR**

- (b)** Explain the Project Manager's roles to the Project. **07**

- Q.3 (a)** Discuss the skill required for selection of Project Manager. **07**  
**(b)** What is Project action plan? Construct an action plan for any project of your choice. **07**

**OR**

- Q.3 (a)** Briefly explain Work Breakdown Structure with any suitable example. **07**  
**(b)** What is budgeting a project? Explain the methods of budgeting a project. **07**

- Q.4** (a) Enlist the processes of risk management and explain any three of them. **07**  
(b) What is resource loading? How does it differ from resource levelling? **07**  
**OR**
- Q.4** (a) What is meant by Goldratt's critical chain? How does it work? **07**  
(b) Write a short note on Crashing of the Project. **07**
- Q.5** (a) What is Project Auditing? Explain the Audit Report. **07**  
(b) Describe the three variances of an earned value chart and explain their significance. **07**  
**OR**
- Q.5** (a) Explain the project scope creep and project change control system. **07**  
(b) List and briefly describe the ways projects may be terminated. **07**

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