

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**

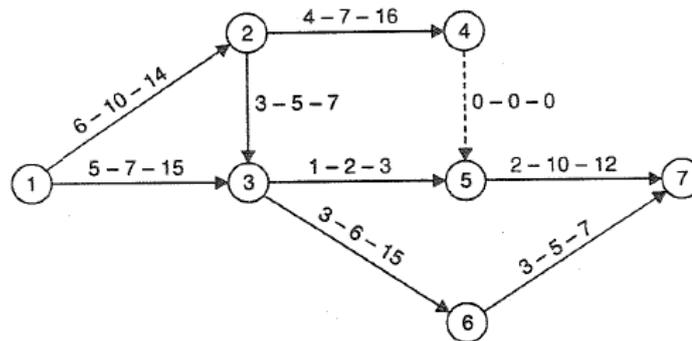


Figure-1

- (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**

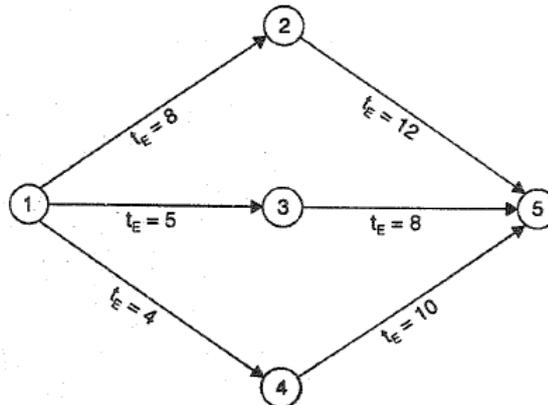


Figure-2

- 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**
