

GUJARAT TECHNOLOGICAL UNIVERSITY
MBA(TM) – SEMESTER-10 • EXAMINATION – SUMMER - 2018

Subject Code: 4210103
Date: 02/05/2018
Subject Name: PROJECT MANAGEMENT
Time: 10:30 AM To 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) Write advantage and disadvantage of organizing project as a dedicated team. **07**
 (b) What are the characteristics of Project Management? **07**

- Q.2** (a) You are a project manager. What criteria you would consider while deciding upon the project structure? **07**
 (b) You have been appointed as the head of the event “Euphoria -2018 – A national level management symposium” and management has asked to develop a team for the event. How will you develop the project team using five stage team development model? **07**

OR

- (b) What are the current drivers for project management? **07**
- Q.3** (a) How to identify investment opportunities using PORTAL MODEL? **07**
 (b) Explain consensus method and apportion method. **07**

OR

- Q.3** (a) What are the steps of conducting samples survey? **07**
 (b) Write a note on “Project Rating Index”. **07**
- Q.4** (a) Calculate the forecasted values for the given data for 10 periods using exponential smoothing method. For calculations, consider value of error $\epsilon = 0.3$. **07**
 For period 1, assume forecasted value as 129.

| Period | Data |
|--------|------|
| 1 | 125 |
| 2 | 130 |
| 3 | 180 |
| 4 | 127 |
| 5 | 144 |
| 6 | 196 |
| 7 | 124 |
| 8 | 135 |
| 9 | 169 |
| 10 | 124 |

- (b) What are the steps of risk management process? **07**
- OR**
- Q.4** (a) “Organization must conduct technical analysis while going for a new project.” Do you agree with this statement? Justify your answer. **07**
 (b) Explain Delphi Method along with its advantage and disadvantage. **07**
- Q.5** (a) How negotiation plays an important role in project partnering? **07**

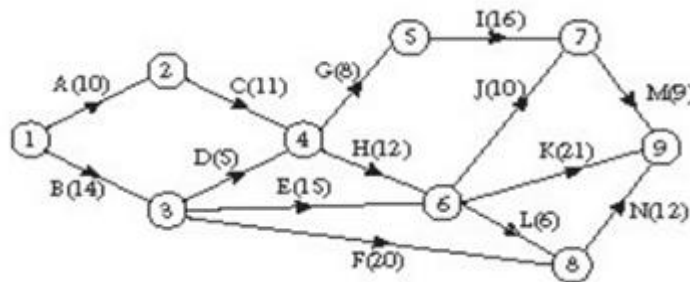
(b) Draw the network diagram using following information: www.FirstRanker.com 07

| Activity | Predecessor Activity |
|----------|----------------------|
| A | - |
| B | A |
| C | B |
| D | B |
| E | B |
| F | C |
| G | C |
| H | F,G |
| I | D,E,H |
| J | I |

OR

Q.5 (a)

07



An engineering project is modelled by the activity network shown above. The activities are represented by the arcs. The number in brackets on each arc gives the time, in days, to complete the activity. Each activity requires one worker. The project is to be completed in the shortest time.

- Calculate the early time and late time for each event.
- State the critical activity.
- Find the total float on activities D & F. You must show your working.

(b) After reaching to the final cost for project, one should always refine the estimation. Examine the statement critically. 07
