

BACHELOR OF TECHNOLOGY (C.B.C.S.) (2014 COURSE)  
B.Tech.Sem - VI ELECTRONIC : WINTER- 2022  
SUBJECT : PROJECT MANAGEMENT & FINANCE

Day : Tuesday

Date : 29-11-2022

W-13391-2022

Time : 10:00 AM-01:00 PM

Max. Marks : 60

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.

**Q.1** Describe Project Life Cycle in Project Management. (10)

**OR**

**Q.1** What is Project Planning Process? Describe the role of Project Manager.

**Q.2** The time estimates (in week) for activities of PERT network are given below. (10)

Activity	Optimistic time( $t_0$ )	Most likely time ( $t_m$ )	Pessimistic time ( $t_p$ )
1-2	3	3	9
1-3	3	6	9
1-4	4	4	10
2-5	3	3	3
3-5	4	7	16
4-6	4	7	10
5-6	5	8	17

- a) Draw the project network and identify all the paths through it.
- b) Determine the expected project duration.
- c) Calculate standard deviation and variance of project.

**OR**

**Q.2** Elaborate PERT and CPM concept with suitable examples.

**Q.3** Describe project cash flow analysis with example. (10)

**OR**

**Q.3** Describe the following terms:  
i) Resource leveling                      ii) Time cost trade-off in Project Management

**Q.4** What is purchase order? Describe the terms and conditions for purchases. (10)

**OR**

**Q.4** Elaborate the role of computer in applications of Project management.

**Q.5** What is finance? Describe the sources of finance. (10)

**OR**

**Q.5** Give importance of finance management & describe the role of finance manager.

**Q.6** What is concept of working capital? Discuss factors determining requirement of working capital. (10)

**OR**

**Q.6** How does securities in India are regulated by SEBI? Discuss functions and responsibilities of SEBI.

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