

**B.TECH. SEM -VI ELECTRONICS 2014 COURSE (CBCS) :**  
**WINTER - 2017**  
**SUBJECT : PROJECT MANAGEMENT & FINANCE**

Day : **Thursday**  
Date : **23/11/2017**

Time : **10.00 AM TO 01.00 PM**  
Max. Marks : 60

**W-2017-2214**

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labeled diagrams **WHEREVER** necessary.
- 4) Assume suitable data if necessary.

**Q.1** Define project and hence project management. Explain various stages of [10]  
project management.

**OR**

How do you classify the projects? Explain with suitable example.

**Q.2** A project consists of activities from A to H as shown in table (i) the immediate [10]  
predecessors and duration in months of each of the activities is given:

- a) Draw the project network, find critical path and corresponding project completion time.
- b) Draw Gantt-chart for this project.

Activity	Immediate predecessor (s)	Duration (days)
A	---	15
B	---	2
C	A	3
D	C	4
E	C	2
F	B	4
G	D	7
H	E, F	6

**OR**

What are the time estimates used in PERT? Explain in detail.

**Q.3** Consider the network scheduling problems as shown below: [10]

Activity	Duration (months)	Manpower required
1 - 2	5	12
1 - 3	6	4
2 - 3	8	6
2 - 4	7	3
3 - 4	4	8

Schedule the activities of the project with a maximum limit on the manpower requirement as 12.

**P.T.O.**

**OR**

What is meant by crashing of project network? Discuss the general guidelines for network crashing.

- Q.4** What are the functions of project management software? Give examples of project management softwares. [10]

**OR**

What is the difference between PERT and PERT/Cost? Justify.

- Q.5** What is the purpose of financial management? Explain the role of financial manager. [10]

**OR**

Discuss the functions of finance management. Justify the need of financial planning.

- Q.6** What is SEBI? Explain its significance. [10]

**OR**

Identify the role of money and capital markets both nationally and internationally.

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