

B.E.(with Credits)-Regular-Semester 2012-Civil Engineering Sem V  
**CE504 - Project Management**

P. Pages : 2

Time : Three Hours



**GUG/W/16/3681**

Max. Marks : 80

- Notes :
1. All questions carry equal marks.
  2. Solve all question.
  3. Due credit will be given to neatness and adequate dimensions.
  4. Assume suitable data wherever necessary.
  5. Diagrams and Chemical equations should be given wherever necessary.
  6. Illustrate your answers wherever necessary with the help of neat sketches.
  7. Use of non programmable calculator is allowed.

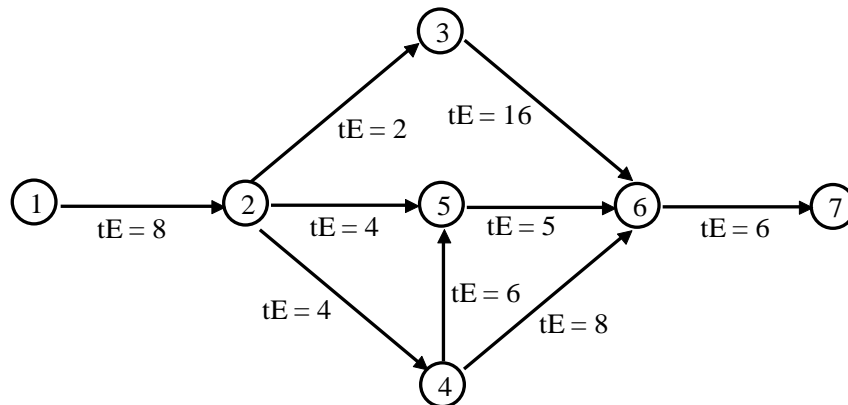
1. a) Explain the concept of elasticity of demand & the relation between the elasticity of demand & price of commodity. 8
- b) State the various categories of the bank & their respective levels of subordination. Also explain the working of commercial bank in banking sectors. 8

**OR**

2. a) List the various factors of production & explain salient features of these factors. 8
- b) Write short notes on prime cost. 8
3. a) Describe the importance of construction management in the National Development. 8
- b) Explain various objectives & principles of planning. 8

**OR**

4. a) What are the advantages & disadvantages of bar charts ? Explain. 3
- b) Prepare the critical path schedule & calculate EST, EFT & LST, LFT & show the critical path with thick line, the following network. 13



5. a) Write a brief note on organisation for quality control. 8
- b) Explain why planning is necessary. Describe various steps for planning a Civil Engineering project. 8

**OR**

6. a) Discuss in brief the resources allocation problem. What are the methods of solving the problem. 8
- b) List various items of works prone to Severe accidents, in civil engineering construction site. 8
7. a) Explain in details requirement of a construction camp & site layout of project. 8
- b) Discuss various function of material management. 8

**OR**

8. a) Explain various general principles of inventory control. 8
- b) Prepare job layout for an engineering college. Girls hostel building. 8
9. a) Explain with neat sketch clam shell. 8
- b) Briefly explain the function of bulldozer ? Discuss its user for construction industry. 8

**OR**

10. Write notes on :
- i) Function of stores. 5
- ii) Concrete vibrator & its superiority. 6
- iii) Cranes. 5

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