

B.E.(Civil Engineering) Semester Seventh (C.B.S.)  
**Construction Management and Law**

P. Pages : 2

Time : Three Hours



**KNT/KW/16/7441**

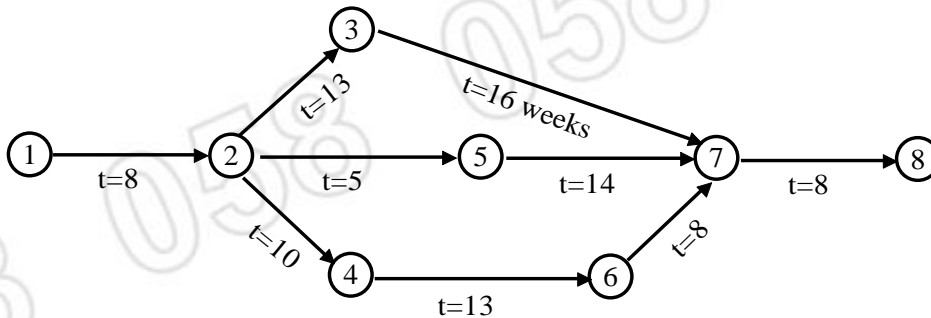
Max. Marks : 80

- Notes :
1. All questions carry marks as indicated.
  2. Solve Question 1 OR Questions No. 2.
  3. Solve Question 3 OR Questions No. 4.
  4. Solve Question 5 OR Questions No. 6.
  5. Solve Question 7 OR Questions No. 8.
  6. Solve Question 9 OR Questions No. 10.
  7. Solve Question 11 OR Questions No. 12.
  8. Due credit will be given to neatness and adequate dimensions.
  9. Assume suitable data wherever necessary.
  10. Diagrams should be given wherever necessary.
  11. Illustrate your answers wherever necessary with the help of neat sketches.
  12. Use of non programmable calculator is permitted.

1. a) Enumerate the basic features of project financing. **6**  
b) Explain with a neat sketch a typical construction site plan. **9**

**OR**

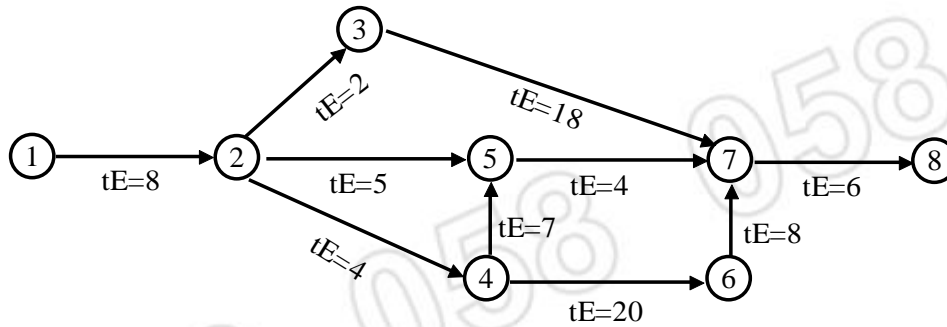
2. a) Explain project feasibility report. **6**  
b) Explain how to prevent cost escalation. **7**
3. a) Define the following terms : **6**  
i) Optimistic time  
ii) Pessimistic time  
iii) Most likely time.  
b) For the following network, find the critical path, also determine total float & project duration. **8**



**OR**

4. a) Differentiate between PERT & CPM. **6**

- b) Prepare critical path schedule & calculate EST, EFT & LST & LFT & show the critical path with thick line, for the following network. 8



5. a) Explain what is inventory control. Describe economic order Quantity. 7

- b) State & explain the equipment required for material transporting & handling. 7

**OR**

6. a) Explain any one type of organisational chart. 6

- b) i) Write notes on EOQ. 4

- ii) Explain in brief the duties of personal manager. 4

7. a) What are the general principles of quality control explain in brief. 6

- b) Discuss the salient safety measures to be followed doing demolition work. 7

**OR**

8. a) Write notes on execution of training program in construction industry. 6

- b) Least the items of work prone to several accident on construction site. 7

9. a) Discuss the role of state urban & regional planning board. 6

- b) Explain the process of development of land & control of the illegal development under MRTP Act. 7

**OR**

10. a) Enumerate functions of district planning committee. 6

- b) Explain Gunthewari act. 7

11. a) Enumerate the salient features of the conservation act. 6

- b) State the provisions to deal with the offender under the water (prevention & control of pollution) Act. 7

**OR**

12. a) Enumerate the salient features of forest conservation act. 6

- b) Enumerate the process of land acquisition. 7

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