

B.Arch. Eighth Semester (Architecture Engineering) (CGS)
10072 : Professional Elective - I : Construction Management : 08 AR 06

P. Pages : 2

Time : Three Hours



AV - 3206 Add

Max. Marks : 80

- Notes :
1. All question carry equal marks.
 2. Question No. 5 is compulsory.
 3. Assume suitable data wherever necessary.
 4. Diagrams and chemical equations should be given wherever necessary.
 5. Illustrate your answer necessary with the help of neat sketches.
 6. Use of pen Blue/Black ink/refill only for writing the answer book.

1. a) What is project management. 10
- b) What are the objectives of construction management. 10

OR

2. Explain in brief. 6
 - a) Bar chart. 8
 - b) Goal & Objectives of project management. 6
 - c) Difference between CPM & PERT. 20
3. What are the three phases of project management. 20
 - i) Project planning.
 - ii) Project Scheduling.
 - iii) Project controlling.

OR

4. Explain in brief how quality control can be assured in any construction work. 20
5. Draw the network diagram for the activities with following inter relationships. 20
 - a) Activity C follows activity D but Precedes activity E.
 - b) Activity C follows activity B but precedes activity H.
 - c) Activity G follows activity F but precedes activity I
 - d) Activity D follows activity A.
 - e) Activity H and Activity I terminate at the same time.

f) Activity A & B starts at same time.

g) Activity E follows Activity A but precedes activity I

6. a) Explain various types of Estimates of construction project. **10**

b) Explain in brief cost & value management for construction project. **10**

OR

7. Write short notes on following. **20**

a) Crashed Estimates for Activities.

b) Project direct and indirect cost.

c) Crashing of networks.

d) Construction cost control.
