

6th SEM/CIVIL ENGINEERING/ 2024(W)

TH2 Construction Management

Full marks-80

Time- 3hrs

Answer any five questions including Q.No.01 & 02

Figure in the right hand margin indicates marks

1. Answer all the questions.

(2 x 10 =20)

- What is Construction Management?
- What is Workman's compensation act?
- Define stock.
- What is Leadership?
- Write down any two causes of accidents in construction works.
- Define Free Float.
- Write down any two objectives of Construction Management.
- Define Dummy activity.
- Write down the Seismic zones of India.
- The optimistic, most probable & Pessimistic time estimates of an activity are 4days, 8days and 10 days respectively. Find expected time

2. Answer any six questions

(5x 6=30)

- Explain the different styles of leadership.
- Explain Bin Card.
- Explain the resources for construction management.
- Differentiate between PERT and CPM.
- Explain line and staff type of organization.
- Explain the types of conflicts in organization.
- Prepare a job layout for a multi storeyed building

Answer any Three questions

3. A project has the following time schedule

10

Activity	1-2	1-3	2-4	3-4	4-5
Duration	3	5	4	6	10

Draw the Network diagram and calculate Earliest start time, Earliest Finish Time, Latest start time and latest Finish time for each activity.

- Explain the different approaches to motivation **10**
- Explain equipment maintenance **10**
- Explain the principles of storing materials at site. **10**
- Write short notes on **5+5**
 - Work study
 - Non Destructive Method of quality control