

MODEL QUESTION PAPER

SECOND SEMESTER M.TECH DEGREE EXAMINATION
(Civil Engineering: Structural Engineering & Construction Management)

CMC 2001: CONSTRUCTION PROJECT IMPLEMENTATION & REVIEW

Time: 3 hours

Max. Marks: 60

(Answer two questions from each Module. All questions carry equal marks)

Module – I

1. Explain the factors that affect productivity in a construction site.
2. Explain the possibilities of a Crew Balance Chart with a typical example.
3. How can standard work be computed, taking into account the nuances of a job?

Module – II

4. Discuss the relevance of Juran's quality philosophy in the modern day.
5. What is Six Sigma? Explain the concept of the Six Sigma Quality approach.
6. State the outstanding features of ISO 9001 series standards.

Module –III

7. Write a note on the safety scenario of the modern Indian construction industry, mentioning the problem areas.
8. What are the indispensable components of a good safety program in a construction industry?
9. Write a note on the occupational health issues common to construction site workers.