

F 3228

(Pages : 2)

Reg. No.....

Name.....



B.TECH. DEGREE EXAMINATION, NOVEMBER 2014

Eighth Semester

Branch : Civil Engineering

CE 010 802—BUILDING TECHNOLOGY AND MANAGEMENT (CE)

(New Scheme—2010 Admissions—Supplementary)

Time : Three Hours

Maximum : 100 Marks

Part A

*Answer all questions.
Each question carries 3 marks.*

1. Briefly explain the high performance Concrete.
2. Explain the advantage of prefabrication.
3. Briefly explain the importance of safety in construction.
4. Explain the inventory control technique.
5. Explain the common terms and condition in contract documents.

(5 × 3 = 15 marks)

Part B

*Answer all questions.
Each question carries 5 marks.*

6. Write short note on BIS method of Mix Design.
7. What do you mean by cost time analysis ?
8. Explain the objectives of civil engineering management.
9. Differentiate between percentage contract and cost plus percentage contract.
10. Briefly explain the consequence of mistakes in contracts.

(5 × 5 = 25 marks)

Part C

*Answer all questions.
Each question carries 12 marks.*

11. Explain American standard of Mix design.
- Or*
12. Explain the material for form work and design procedure.

Turn over



13. (a) Explain with neat sketch any four prefabrication units with advantage.
(b) Explain the methods of production in prefabricated construction.

Or

14. Explain the various methods and technique for codification and standardization.
15. Explain the different types of organizational setup.

Or

16. Explain organizational method of execution of a dam project.
17. Write notes on different types of contract.

Or

18. Explain the functions of material management.
19. Explain the various clauses in connection with disputes and arbitration work, and liability for nonperformance of work.

Or

20. Explain (a) warranty period ; (b) illegal and voidable contract ; (c) Validity of an oral agreement.

(5 × 12 = 60 marks)