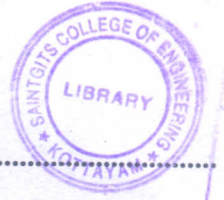


G 1638

(Pages : 2)

Reg. No.....

Name.....



**B.TECH. DEGREE EXAMINATION, MAY 2015**

**Eighth Semester**

Branch : Civil Engineering

CE 010 808—BUILDING TECHNOLOGY AND MANAGEMENT (CE)

(New Scheme—2010 Admission onwards)

[Regular/Supplementary]

Time : Three Hours

Maximum : 100 Marks

**Part A**

*Answer all questions.*

*Each question carries 3 marks.*

1. Explain stripping time.
2. List the use and application of Ferro cement.
3. Enumerate the objective of civil engineering management.
4. Explain the function of material management.
5. Write a note on voidable contracts.

(5 × 3 = 15 marks)

**Part B**

*Answer all questions.*

*Each question carries 5 marks.*

6. Write a note on FRC.
7. Write a note on station method.
8. Briefly explain construction team.
9. Explain labour contract.
10. When a party breaches contracts, what are the remedial measures to be taken to safeguarding the work ?

(5 × 5 = 25 marks)

**Part C**

*Answer all questions.*

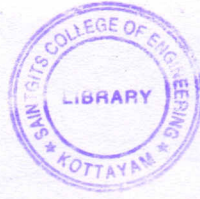
*Each question carries 12 marks.*

11. Compare timber formwork and steel formwork, with regard to its use, advantages and disadvantages.

*Or*

12. Explain American standard of mix design.

**Turn over**



13. What is standardization ? Why is it necessary in construction industry ? What are the functions of ISO ?

*Or*

14. Discuss the manufacturing process of hollow concrete block and their advantages.

15. Explain how the organization of labour, resources and material are done in a construction organization.

*Or*

16. Briefly explain quality control and inspection in construction engineering and management.

17. Briefly explain various types of contracts in detail.

*Or*

18. Write a short note on :

(i) Item wise contract.

(ii) Negotiable contract.

(iii) Cost plus fluctuating fee contract.

19. Explain the various components of contract document.

*Or*

20. Write a short note on :

(i) Dispute and Arbitration.

(ii) Warranty period.

(iii) Contract signed under coercion.

(5 × 12 = 60 marks)