

B.Tech. Civil (Construction Management)

Term-End Examination

00326

June, 2014

ET-581(C) : BUILDING SERVICES

Time : 3 hours

Maximum Marks : 70

Note : Attempt any **five** questions. All questions carry equal marks. Draw neat sketches wherever required.

1. Differentiate between coagulation and flocculation. Outline the basic process of coagulation. 14
2. Write a note on sewage characteristics. 14
3. Discuss various types of lamps. Explain the laws governing it. 14
4. Give the types of staircases. Explain any three in detail. 14
5. Discuss how a building is protected against lightning. 14
6. How is cooling load estimated ? Explain with a suitable example. 14

7. Write a note on corrosion.

14

8. Explain the following terms :

$$4 \times 3 \frac{1}{2} = 14$$

- (a) Fire load
 - (b) Fire resistance
 - (c) Fire severity
 - (d) Fire hazard
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