

Reg. No. :

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Question Paper Code : 31029

B.E./B.Tech. DEGREE EXAMINATION, MAY/JUNE 2013.

Eighth Semester

Civil Engineering

080100068 – BUILDING SERVICES

(Regulation 2008)

20.5.13 - A

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What are functions of distribution boards?
2. Define switch gears.
3. What is luminous flux?
4. Define luminous efficiency.
5. What is meant by latent heat of fusion?
6. Name few refrigerant control devices.
7. Write the use of fire lighting pump.
8. What are wet risers?
9. Give examples for special fixtures.
10. What are bidets?

PART B — (5 × 16 = 80 marks)

11. (a) Explain the applications of any three protective devices in electrical installations. (16)
- Or
- (b) Explain the types and necessity of earthing systems. (16)

12. (a) Explain the factors affecting visual tasks. (16)
- Or
- (b) Explain all the classifications of lighting for buildings. (16)
13. (a) (i) Compare the advantages and disadvantages of window type and packaged air-conditioners. (10)
- (ii) What is the role of compressors in refrigerators. (6)
- Or
- (b) Explain the methods of protection against fire due to A.C. systems. (16)
14. (a) Explain the safety regulations recommended by Indian standard codes. (16)
- Or
- (b) Explain the types and special features of fire alarm systems for buildings and industries. (16)
15. (a) Explain the types and use of strainers and connectors. (16)
- Or
- (b) Describe the method of selecting suitable type of water closets. (16)
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