

Roll No.

Total No. of Pages : 02

Total No. of Questions : 18

BHMCT (Sem.-1)
HOTEL ENGINEERING-I
Subject Code : BH-117
M.Code : 14509

Time : 3 Hrs.

Max. Marks : 30

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying ONE mark each.
2. SECTION-B contains FIVE questions carrying 2½ (Two and Half) marks each and students has to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying FIVE marks each and students has to attempt any TWO questions.

SECTION-A

Write briefly :

1. Calorifier
2. Open circuit
3. Fire pyramid
4. Water sprinkler
5. Bidet
6. Smoke detectors
7. Units of hardness of water
8. Ignition point
9. B class fire.
10. Fire blanket

SECTION-B

11. Discuss different types lightings used in hotels.
12. Differentiate between preventive and breakdown maintenance.
13. Name and explain five types of water traps used in hotels.
14. What precautions are to be taken while handling gaseous fuels?
15. Discuss the importance of earthing.

SECTION-C

16. Draw and explain the organisation chart of hotel's maintenance department.
17. Write a detailed note on water distribution systems used in the hotels.
18. Classify fuels and explain properties of each.



NOTE : Disclosure of identity by writing mobile number or making passing request on any page of Answer sheet will lead to UMC case against the Student.

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INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying ONE mark each.
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SECTION-A

1. Write briefly :

- a. Differentiate between open and closed circuits.
- b. Define water hardness.
- c. Give the uses of water traps.
- d. Name different types of fuses.
- e. What is an insulator?
- f. What principle is applied to Bunsen burner working?
- g. What are sinks and basins?
- h. Different types of manifolds.
- i. Give the difference between AC and DC.
- j. Mention any two duties of the maintenance staff.

SECTION-B

2. Explain the methods to remove water hardness.
3. Explain in detail the safety procedure to be adopted while handling electric equipment.
4. What are the different precautions are to be used while using fuels?
5. Give the meaning of ampere, volt, ohm and their relation with each other.
6. With a neat diagram draw the organisation chart of the maintenance department of a 300 room hotel.

SECTION-C

7. Give the construction of an industrial gas range.
8. Explain in detail the water distribution system in a hotel.
9. Give the general layout of circuits alongwith a neat diagram.

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