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Total No. of Pages : 02

Total No. of Questions : 09

**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**1. Write briefly :**

- a. Maintenance
- b. Preventive Maintenance
- c. Protective Maintenance
- d. Fuels
- e. Gaseous Fuels
- f. Hard water
- g. Indirect lighting
- h. Earthing
- i. LPG
- j. Gas Bank



**SECTION-B**

2. Explain the interdepartmental coordination of Hotel Engineering department with other departments of the hotel.
3. What are the different fuels used in the hotel industry along with their examples.
4. What are the different methods of heat transfer?
5. What is the difference between insulator and conductor? Explain Ohms law with formula.
6. Explain in detail water hardness and the ways to remove water hardness.

SECTION-C

7. Draw an organisational chart of the maintenance department of a 5 star hotel. Also explain the role of the maintenance department.
8. Compare the advantages and disadvantages of solid, liquid and gaseous fuels.
9. What is a fuse? Why is it used? Explain with neat diagrams different fuses used.

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.

