



Name :

Roll No. :

Invigilator's Signature :

CS/BHSM/SEM-3 (PART-B)/HPM-306/2011

2011

HOTEL MAINTENANCE HOTEL ENGINEERING

Time Allotted : 3 Hours

Full Marks : 70

The figures in the margin indicate full marks.

*Candidates are required to give their answers in their own words
as far as practicable.*

GROUP – A

(Multiple Choice Type Questions)

1. Choose the correct alternatives for the following : $10 \times 1 = 10$

- i) Unit of power is
 - a) Voltage
 - b) Current
 - c) Resistance.
- ii) Good conductor of electricity is
 - a) Iron
 - b) Sand
 - c) Cotton.
- iii) Ohm's law state that
 - a) $V = IR$
 - b) $V = U + AT$
 - c) $S = UT + \frac{1}{2}AT^2$.



- iv) Factor of preventive maintenance is
 - a) previous break down
 - b) type and nature of repair
 - c) time required for repair.
- v) Advantages of soft water is
 - a) improve the taste of food
 - b) increase the life of textile
 - c) both of these.
- vi) Temporary hardness of water is due to
 - a) the presence of bicarbonate of calcium and magnesium
 - b) presence of HCL
 - c) presence of water.
- vii) Example of solid fuel is
 - a) Coal
 - b) Lignite
 - c) both of these.
- viii) Example of gaseous fuel is
 - a) Methane
 - b) Water
 - c) none of these.
- ix) Advantages of liquid fuel is
 - a) low excess air in use
 - b) storage space is small
 - c) both of these.
- x) Unit of current is
 - a) ampere
 - b) voltage
 - c) resistance.



GROUP – B
(Short Answer Type Questions)

Answer any *three* of the following.

3 × 5 = 15

2. Define Voltage.
3. State the different wiring systems as adapted in hotels.
4. State the importance of earthing.
5. State the process of bill calculation.
6. Distinguish between hard water and soft water.

GROUP – C
(Long Answer Type Questions)

Answer any *three* of the following.

3 × 15 = 45

7. Distinguish between Conductor and Insulator.
8. State and define Ohms law.
9. What are the uses of paint in hotel industries ?
10. State the use of fire extinguisher in hotels and name different fire extinguishers.
11. State the process of maintenance and care of refrigerators.

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