

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) $S = UT + \frac{1}{2}AT^2$.

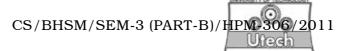
A - 3

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- 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.

 $3 \times 5 = 15$

- 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.

 $3 \times 15 = 45$

- 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.