

Q.21 Explain the circumstances under which equipment are replaced?

Q.22 What is fuse? What is its importance?

Section-D

Note: Long answer questions. Attempt any Two question out of Three Question. $(2 \times 8 = 16)$

Q.23 What are the types of Air-Conditioners? Explain the central Air-conditioning System?

Q.24 What is meant by water conservation? Discuss methods that maybe adopted by eco sensitive hotels for water waste.

Q.25 What is maintenance and scope of maintenance in a hotel? Describe.

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M.M. : 60

SECTION-A

Note: Multiple Choice Questions. All Questions are compulsory. $(6 \times 1 = 6)$

Q.1 What is the full form of VOCs?

- a) Volatile Organic Compounds
- b) Volume Occupied Certificate
- c) Voluntary Optimized Course
- d) Volume Organic Cover

Q.2 What is B.T.U.?

- a) Britain Thermal Unit b) British thermal unit
- c) Bio thermal unit d) Breakdown thermal unit

Q.3 L.P.K. is a mixture of

- a) Ethane, propane & butane
- b) methane, ethane
- c) Propylene, ethanol
- d) Butane, mutane

- Q.4 What is r22 in refrigeration
- a) Preventive breakdown
 - b) Sewage treatment
 - c) Ozone-depleting refrigerant
 - d) Water conservation

- Q.5 HACCP stands for
- a) Hazard and Critical Cost Power
 - b) Hazard Analysis Critical Control Point
 - c) Hazard analyzed Critical Control Point
 - d) Hazard Average Critical Cost Power

- Q.6 Class B fire is for
- a) Flammable and Combustible liquids
 - b) Wood, Paper, Textile, Rubbish, Grass etc.
 - c) Fires of electrical Origin
 - d) Burning metal

Section-B

Note: Objective/Completion type questions. All questions are compulsory. $(6 \times 1 = 6)$

- Q.7 Define Biodegradables?
- Q.8 What are water heaters?

- Q.9 what are gaseous fuels?
- Q.10 Define Humidification?
- Q.11 What do you mean by Insulators?
- Q.12 What is Green Hotel?

Section-C

Note: Short answer type Question. Attempt any Eight questions out of Ten Questions. $(8 \times 4 = 32)$

- Q.13 Draw the organizational structure of engineering / maintenance department of a hotel?
- Q.14 List the process of sewage treatment?
- Q.15 Mention the duties and responsibilities of Chief Engineer of a hotel?
- Q.16 Discuss the role of fuse in a circuit?
- Q.17 Explain vapour compression system of refrigeration?
- Q.18 List and explain various Audio visual equipment used in hotels?
- Q.19 What are different water distribution system?
- Q.20 What are the preventive measures for slips & falls.