

DHM-2009

Time : 3 Hrs.

M.M. : 70

Note: Multiple choice questions. All questions are compulsory (7x1=7)

- Q.1** LPG Stands for
a) Liquid Petrol Gas
b) Liquefied Petroleum Gas
c) Latent Petroleum Gas
d) Latent Petrol Gas
- Q.2** Full form of NCV
a) Non Caloric value b) Non Calorific value
c) Net Caloric value d) Net Calorific value
- Q.3** Class A fire is caused due to
a) Oil b) Electrical
c) Wood d) Fat
- Q.4** Swimming pool is cleaned with
a) Methane b) Hydrogen

- c) Chlorine d) Butane
- Q.5 Fire Pyramid comprises of
- a) Heat b) Fuel
- c) Oxygen d) All of the above
- Q.6 LED Stands for
- a) Low Emission Diode
- b) Light Emitting Diode
- c) Less Emission Dextrose
- d) Light Emitting Dextrose
- Q.7 pH value of pure water is
- a) 3.0 b) 4.2
- c) 7.0 d) 7.4

SECTION-B

Note: State true or false for the given statement. All questions are compulsory. (7x1=7)

- Q.8 Preventive maintenance is similar to breakdown maintenance.
- Q.9 STP is a service treatment procedure.
- Q.10 The primary source of thermal pollution is discharge of hot water into a water body.
- Q.11 Kelvin is a unit of current.
- Q.12 Water that does not form lather with soap is called hard water.

- Q.13 Carbon dioxide is a type of fire extinguisher.
- Q.14 Potable water is unsafe for drinking.

SECTION-C

Note: Short answer type questions. Attempt any six questions out of ten questions. (6x6=36)

- Q.15 Types of fuels used in hotels.
- Q.16 Ecotels
- Q.17 Responsibilities of engineering department in a hotel.
- Q.18 Swimming pool maintenance
- Q.19 Fire Detectors
- Q.20 Water conservation practices in hotels
- Q.21 Principles of fire suppression
- Q.22 Water Pollution in hotels
- Q.23 Types of maintenance practices
- Q.24 Safety & security in hotel operations

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.25 Draw and explain the organizational chart of an engineering department of a large hotel.
- Q.26 Discuss fire extinguishers in detail.
- Q.27 Elaborate the future perspective of Hotel engineering.