

Q.22 Explain vapour compression system of refrigeration in short?

Q.23 Define the term air-conditioning. State two scientific principles used in refrigeration?

Q.24 Write about Zeolite process?

SECTION-D

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

Q.25 Name fuels used in hotel. What are the advantages and disadvantages of solid, liquid and gaseous fuels?

Q.26 What are the types of air-conditioners? Explain the central air-conditioning system.

Q.27 Explain how hot water is supplied throughout a hotel using central indirect system?

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2nd Sem. / Diploma in Hotel Magt.

Subject : Hotel Environment

Time : 3 Hrs.

M.M. : 70

SECTION-A

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

Q.1 In India the single phase voltage for domestic supply is :

- a) 220-240 Volt b) 110-130 Volt
- c) 380-415 Volt d) 415-460 Volt

Q.2 Paying money one time to repair 10 faulty water taps is a :

- a) Lumpsum contract b) Annual contract
- c) Monthly contract d) Cost plus contract

Q.3 In chilled water air conditioning applications, the temperature of chilled water is maintained at :

- a) 0°C b) 7-20°C
- c) 15°C d) 5-5°C

(1)

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Q.4 _____ fire involves wood, paper, textile, rubbish, grass etc.

- a) Class A b) Class B
- c) Class C d) Class D

Q.5 CPU stands for

- a) Central Processing Unit
- b) Control Processing Unit
- c) Concrete Processing Unit
- d) Compact Processing Unit

Q.6 Lignite is an example of _____ fuel.

- a) Solid b) Liquid
- c) Gaseous d) Fossil

Q.7 Calorific value of LPG is _____ than calorific value of coal.

- a) More b) Less
- c) Equal d) Not comparable

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (7x1=7)

Q.8 What are Incandescent lamps?

Q.9 What do you mean by Flame spread?

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Q.10 What are Walk-In Freezers?

Q.11 What is Equipment Replacement Policy?

Q.12 Define Group replacement?

Q.13 What are preventive measures for slips & falls?

Q.14 Explain Energy Audit?

SECTION-C

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

Q.15 What are the various types of pollution caused by the hospitality industry?

Q.16 Describe care and maintenance of deep freezer?

Q.17 List important responsibilities of a Chief Engineer?

Q.18 Discuss why Earthing is important for an electrical appliance?

Q.19 Mention ten steps that should be taken to make a hotel more fire-safe?

Q.20 State the disadvantages of using hard water in hotels?

Q.21 What is the role of an insulator in electricity?

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