

Refrigeration and Air conditioning MCQ Questions and Answers Pdf

1. A device designed to remove moisture from a refrigerant is called

- a. expansion valve
- b. dehumidifier
- c. drier
- d. solenoid

Ans: C

2. Freon 12 is a compound consisting of atoms of

- a. carbon, hydrogen and fluorine
- b. carbon, hydrogen and oxygen
- c. carbon, hydrogen, fluorine and chlorine
- d. carbon, fluorine and chlorine

Ans: D

3. In a ammonia vapour compression cycle, during gas charging the connection is made

- a. anywhere in the cycle
- b. at the compressor cycle
- c. at the compressor outlet
- d. on high pressure side close to receiver

Ans: D

4. Oil separator in a refrigeration cycle is installed

- a. before compressor
- b. between compressor and condenser
- c. between condenser and evaporator
- d. between condenser and expansion valve

Ans: B

5. The condition of refrigerant before and after the condenser in a vapour compression cycle is

- a. dry saturated, saturated liquid
- b. dry saturated, wet vapour
- c. dry saturated, dry saturated
- d. wet vapour, wet vapour

Ans: A

6. Moisture in Freon refrigeration system causes

- a. ineffective refrigeration
- b. damage to compressor
- c. high power consumption
- d. freezing of automatic regulating valve

Ans: D

7. In Electrolux refrigerator

- a. ammonia is absorbed in water
- b. ammonia is absorbed in hydrogen
- c. hydrogen is absorbed in water
- d. ammonia evaporates in hydrogen

Ans; D

8. In case of Freon as refrigerant, the pipe lines should be of

- a. copper
- b. brass
- c. seamless steel tubes
- d. stainless steel tubes

Ans: C

9. In a vapour compression cycle, the lowest temperature occurs in

- a. compressor
- b. expansion valve
- c. condenser
- d. evaporator

Ans: D

10. The moisture in a refrigeration system is removed by

- a. drier
- b. dehumidifier
- c. evaporator
- d. cooler

Ans: A