

## Refrigeration and Air conditioning Objective Questions and Answers Pdf

1. Which of the following are synonyms?

- a. Humidity ratio and specific humidity
- b. degree of saturation and degree of reaction
- c. sensible cooling and dehumidification
- d. relative humidity and specific humidity

Ans; A

2. The ratio of sensible heat to total heat is known as

- a. dew point
- b. humidification ratio
- c. relative humidity
- d. sensible heat factor

Ans: D

3. Cooling towers are used for cooling water

- a. to be injected in circulating air
- b. to be used for humidification
- c. to be used for filtration of air
- d. to be used for cooling the compressor

Ans: D

4. Reversed Carnot cycle comprises

- a. two isentropic processes and adiabatic processes
- b. two isentropic processes and isothermal processes
- c. two isentropic processes and two constant pressure processes
- d. two isentropic processes and two constant volume processes

As: B

5. In vapour absorption system, the function of rectifier is

- a. to cool the vapour leaving the analyzer
- b. to separate ammonia and water
- c. to dissolve ammonia in water
- d. to add energy from external source

Ans: A

6. The most common type of absorption system used in industrial application is based on the refrigerant absorbent combination of

- a. air water
- b. lithium bromide air
- c. carbon dioxide air
- d. ammonia water

Ans: D

7. For better performance, a desert cooler

- a. should be placed inside the room
- b. should be placed outside
- c. should be mounted on window
- d. should be placed at the roof level

Ans: C

8. Dew point is

- a. percentage of moisture contained in a sample of air
- b. partial pressure of water vapour in a sample of air
- c. the temperature of water vapour in air starts

d. the temperature at which condensation of water vapour in air starts

Ans: D

9. Which refrigerant has the highest critical point temperature?

a. ammonia

b. Freon 11

c. Freon 12

d. Freon 22

Ans; B

10. The ratio of water vapour to the mass of dry air in a given mixture is known as

a. humidity ratio

b. relative humidity

c. degree of saturation

d. any of the above

Ans: A