

## Refrigeration and Air conditioning Quiz Questions and Answers Pdf

1. A cooling tower in a refrigeration system

- a. removes heat from refrigerant
- b. removes heat from brine
- c. removes heat from lubricating oil
- d. removes heat from hot water coming out of condenser

Ans :D

2. In order to ensure leak proof mechanical links, the end of copper tubing in refrigeration cycle is

- a. flared
- b. brazed
- c. soldered
- d. press-fitted

Ans: A

3. The secondary refrigerant used in milk chilling plants is usually

- a. brine
- b. ammonia solution
- c. glycol
- d. sodium silicate

Ans: C

4. One ton of refrigeration is equivalent to SI units of

- a. 1 kW
- b. 2.5 kW
- c. 3.5 kW

d. 5 kW

Ans: C

5. The condensation of moisture contained in air will take place at

- a. dry bulb temperature
- b. wet bulb temperature
- c. anywhere between dry bulb temperature and wet bulb temperature
- d. dew point temperature

Ans: D

6. A cooling tower cools water

- a. below wet bulb temperature
- b. equal to wet bulb temperature
- c. slightly above wet bulb temperature
- d. wet bulb has no bearing on cooling load performance

Ans; C

7. In a refrigerator, evaporator is located

- a. on the bottom of refrigerator cabinet
- b. behind the refrigerator cabinet
- c. adjacent to compressor
- d. inside the refrigerator cabinet

Ans: d

8. Super conductors

- a. offer no resistance to flow of heat at low temperature
- b. offer no resistance to flow of electricity at low temperature
- c. cannot be magnetised at low temperature

d. offer no resistance to flow of fluids at low temperature

Ans: B

9. Presence of moisture in a refrigeration cycle will show its effect at

a. compressor suction

b. compressor discharge

c. expansion valve

d. condenser

Ans: C

10. A refrigerant is added to vapour compression cycle through

a. high side in vapour form

b. high side in liquid form

c. low side in liquid form

d. none of the above

Ans: B