

Refrigeration and Air conditioning Objective Questions and Answers Pdf

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

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

Ans: D

2. The moisture in a refrigeration system is removed by

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

Ans: A

3. A Bell-Coleman cycle is

- a. Reversed Carnot cycle
- b. Reversed Joule cycle
- c. Reversed Otto cycle
- d. Reversed Rankine cycle

Ans; B

4. The change in temperature resulting from a gas expanding from one constant pressure, with no heat transfer and no external work other than to maintain the constant pressure is known as

- a. Dalton's law of partial pressures
- b. Law of conservation of energy
- c. Kinetic theory of gases

d. Joule-Thomson effect

Ans; D

5. Air conditioning means

a. cooling

b. heating

c. dehumidifying

d., all of the above

Ans: D.

7. In central air conditioning system

a. entire equipment is placed in the air conditioned space

b., there is only one machine which performs the function of air conditioning

c. all the major equipment is located in one central space removed from the air to be conditioned

d. is used when small area is to air conditioned

Ans: C

8. A salinometer

a. measures temperatures in cryogenic regions

b. measures intensity of illumination

c. measures sound level

d., measures density of brine

Ans: D

9. During dehumidification process

a. specific humidity increases

b., specific humidity decreases

c. relative humidity increases

d. relative humidity decreases

Ans: D

10. 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

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