

ITI Quiz - 21-May-2026

03:33 PM

Q. ID: ITISKILL1596MO

May 2026

Answer Key

Duration: 30 Mins

Total Marks: 16

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1. What is the remedy for broken bimetal thermo in a frost free refrigerator?

- A) Replace the bimetal thermo
B) Reuse the bimetal thermo
C) Repair the bimetal thermo
D) Readjust the bimetal thermo

Answer: A) Replace the bimetal thermo

2. What is the reason for no cooling in a frost free refrigerator?

- A) High watt Cabinet bulb
B) Defective timer
C) Open door switch
D) Defective fan motor

Answer: B) Defective timer

3. Which type of condenser is used in window Air conditioner?

- A) Evaporative
B) Water cooled
C) Natural convection
D) Forced convection

Answer: D) Forced convection

4. What are the causes for blockage in capillary tube?

- A) Over charging of refrigerant
B) Moisture and wax from oil
C) Solid particles
D) Non condensable gases

Answer: B) Moisture and wax from oil

5. What type of heat is absorbed by primary refrigerant?

- A) Sensible heat
B) Latent heat
C) Total heat
D) Specific heat

Answer: B) Latent heat

6. Which refrigerant is inactive to ozone layer?

- A) R 22
B) R 134a
C) R 12
D) R 13

Answer: B) R 134a

7. What is the cylinder colour code of R 22 refrigerant?

- A) Orchid
B) Orange
C) Green
D) White

Answer: C) Green

8. Which type of condenser is directly placed on water spray and air?

- A) Air cooled condenser
B) Shell and tube condenser

- C) Evaporative condenser
D) Water cooled condenser

Answer: C) Evaporative condenser

9. Why the supply air throw is decreased in window AC?

- A) Normal RPM of fan motor
B) Refrigerant leaks
C) Clean air filter
D) Frost blocks air circulation

Answer: D) Frost blocks air circulation

10. Which type of insulation material is used in modern refrigerators?

- A) Thermocole
B) Glass wool
C) Saw dust
D) Poly urethane foam

Answer: D) Poly urethane foam

11. What is the desiccant used in dehydrator of hydrocarbon charged RAC unit?

- A) Calcium chloride
B) Ammonia
C) Sulphur dioxide
D) Silica gel

Answer: D) Silica gel

12. Which property is desirable for an ideal refrigerant?

- A) High freezing point
B) High boiling point
C) High latent heat value
D) High specific volume

Answer: C) High latent heat value

13. Which is the constant operating condition of TEV?

- A) Enthalpy at the evaporator outlet
B) Super heat at suction line point
C) Entropy at the condenser outlet
D) Evaporator pressure at inlet

Answer: B) Super heat at suction line point

14. How the refrigerants are classified based on heat absorption by latent and sensible heat?

- A) Primary and secondary
B) Organic and inorganic
C) Halocarbons and hydrocarbons
D) Zeotropic and azeotropic

Answer: A) Primary and secondary

15. What is the physical change of refrigerant in evaporator?

- A) Vapour to solid
B) Liquid to vapour
C) Solid to liquid
D) Vapour to liquid

Answer: B) Liquid to vapour

16. What is the remedy for defective heating element in a frost free refrigerator?

A) Repair heater

B) Replace heater and bimetal thermo

C) Readjust the heater

D) Reuse the heater and over load protector

Answer: B) Replace heater and bimetal thermo
