

ITI Quiz - 21-May-2026

03:33 PM

Q. ID: ITISKILL87885T

May 2026

Answer Key

Duration: 30 Mins

Total Marks: 11

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

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

Answer: C) Silica gel

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

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

Answer: C) Liquid to vapour

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

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

Answer: B) Forced convection

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

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

Answer: A) Moisture and wax from oil

5. Which is the constant operating condition of TEV?

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

Answer: C) Super heat at suction line point

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

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

Answer: C) Frost blocks air circulation

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

- A) Reuse the heater and over load protector B) Repair heater
C) Readjust the heater D) Replace heater and bimetal thermo

Answer: D) Replace heater and bimetal thermo

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

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

Answer: D) Defective timer

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

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

Answer: C) Replace the bimetal thermo

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

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

Answer: C) Poly urethane foam

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

- A) Water cooled condenser B) Shell and tube condenser
C) Evaporative condenser D) Air cooled condenser

Answer: C) Evaporative condenser