

ITI Quiz - 02-Jun-2026

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Q. ID: ITISKILL3231VZ

June 2026

Answer Key

Duration: 30 Mins

Total Marks: 29

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1. Which method of refrigeration system is adopted in frost free refrigerator?

- A) Evacuating
- B) Vapour absorption
- C) Vapour compression
- D) Water vapour

Answer: C) Vapour compression

2. Which movement of plunger energises the start winding in relay operation?

- A) Vertically up
- B) Vertically down
- C) Bottom side
- D) Horizontally left

Answer: A) Vertically up

3. Which sheet is used to check the tightness of door gasket of a refrigerator?

- A) Copper
- B) Plastic
- C) Zinc
- D) Rubber

Answer: B) Plastic

4. What is the reason if refrigerator runs normally but no cooling effect?

- A) Leakage of refrigerant
- B) Condenser block
- C) Over charge
- D) Filter block

Answer: A) Leakage of refrigerant

5. What is the effect of contamination in refrigeration system?

- A) Poor cooling
- B) High heating
- C) Low pressure
- D) Low humidity

Answer: A) Poor cooling

6. Why frost free model refrigerator takes less freezing time of products?

- A) High temperature setting
- B) Low temperature setting
- C) Forced air circulation
- D) Natural air circulation

Answer: C) Forced air circulation

7. Which electrical control cuts off heating element in frost free refrigerator?

- A) Relay
- B) Bimetal thermo
- C) Timer
- D) Thermostat

Answer: B) Bimetal thermo

8. Where the manually defrosted water is stored in refrigerator?

- A) Top of the freezer
- B) Bottom of the evaporator
- C) Bottom of the condenser
- D) Tray on top of the compressor

Answer: D) Tray on top of the compressor

9. What is the working condition of component during defrost cycle in frost free refrigerator?

- A) Thermostat cuts off
- B) Evaporator fan motor is running
- C) Relay activated
- D) Compressor is not running

Answer: D) Compressor is not running

10. Which is connected in series with start capacitor in motor circuit?

- A) Common terminal
- B) Starting winding
- C) Running Terminal
- D) Running winding

Answer: B) Starting winding

11. What is the result if discharge reed is broken in open type compressor?

- A) Poor pumping
- B) Oil pumping
- C) No pumping
- D) More pumping

Answer: C) No pumping

12. What is the cause for refrigerator door gap at closing position?

- A) Uneven condenser level
- B) Either side gap less
- C) Uneven floor level
- D) Either side gap more

Answer: C) Uneven floor level

13. Which component actuates the defrost cycle in frost free refrigerator?

- A) Bimetal thermo
- B) Relay
- C) Timer
- D) Defrost heater

Answer: C) Timer

14. What is the cut out temperature of bimetal thermo in frost free refrigerator?

- A) 25 Degree Centigrade
- B) 5 Degree Centigrade
- C) 10 Degree Centigrade
- D) 20 Degree Centigrade

Answer: C) 10 Degree Centigrade

15. Which device equalizes the system pressure in frost free refrigerator?

- A) Evaporator
C) Condenser
B) Capillary tube
D) Compressor

Answer: B) Capillary tube

16. What is the advantage of sealed system compared to open type system?

- A) Mechanical efficiency is greater
C) No shaft seal is required
B) Cylinder lubrication is easier
D) Any refrigerant can be used

Answer: C) No shaft seal is required

17. Which component is replaced to prevent air entering the refrigerator cabinet?

- A) Door hinges
C) Door gasket
B) Door paint
D) Thermostat

Answer: C) Door gasket

18. Where the thermal bulb is fixed in frost free refrigerator?

- A) Last coil of evaporator
C) Discharge line
B) Last coil of condenser
D) Liquid line

Answer: A) Last coil of evaporator

19. Which component is turned off while defrost heater is energised?

- A) Cabinet bulb
C) Thermostat sensor
B) Evaporator fan
D) Over load protector

Answer: B) Evaporator fan

20. What is the temperature maintained in the refrigerator freezer?

- A) - 65 Degree Centigrade
C) - 15 Degree Centigrade
B) 0 Degree Centigrade
D) - 45 Degree Centigrade

Answer: C) - 15 Degree Centigrade

21. Which component switches ON/OFF the starting winding in RSIR motor?

- A) OLP
C) Capacitor
B) Thermostat
D) Relay

Answer: D) Relay

22. Which device protects the compressor motor from

drawing more current?

- A) Door switch
C) OLP
B) Relay
D) Thermostat

Answer: C) OLP

23. Which component is used in frost free refrigerator?

- A) Liquid receiver
C) Plate coil evaporator
B) Oil separator
D) Timer switch

Answer: D) Timer switch

24. Which is used to clean the condenser fins of a refrigerator?

- A) Diluted acid
C) Fin comb
B) Soap solution
D) Painting brush

Answer: D) Painting brush

25. How the capacity of refrigerator is expressed?

- A) Litres
C) Weightage
B) Tonnage
D) Wattage

Answer: A) Litres

26. What is the effect of bimetal thermo sticks in ON position in frost free refrigerator?

- A) No cooling
C) Poor cooling
B) More cooling
D) Accumulation of frost

Answer: A) No cooling

27. Which domestic system uses automatic defrost?

- A) Frost free refrigerator
C) Conventional refrigerator
B) Split air - conditioner
D) Window air - conditioner

Answer: A) Frost free refrigerator

28. Which type of evaporator is used in frost free refrigerator?

- A) Plate type
C) Finned tube
B) Shell and tube
D) Wire mesh

Answer: C) Finned tube

29. Which component defrosts in frost free refrigerator?

- A) Capillary tube
C) Heater
B) Thermostat
D) Bulb

Answer: C) Heater