

ITI Quiz - 02-Jun-2026

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Q. ID: ITISKILL3231VZ

June 2026

Question Paper

Duration: 30 Mins

Total Marks: 29

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Student Name: _____ Roll No: _____

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

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

2. How the capacity of refrigerator is expressed?

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

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

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

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

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

5. Which device protects the compressor motor from drawing more current?

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

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

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

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

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

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

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

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

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

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

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

11. Which component defrosts in frost free refrigerator?

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

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

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

13. Which domestic system uses automatic defrost?

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

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

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

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

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

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

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

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

- A) Any refrigerant can be used
- B) Mechanical efficiency is greater

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| C) No shaft seal is required | D) Cylinder lubrication is easier | C) Evaporator fan motor is running | D) Relay activated |
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18. Which component is used in frost free refrigerator?

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

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

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

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

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

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

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

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

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

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

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| A) Thermostat cuts off | B) Compressor is not running |
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24. What is the cause for refrigerator door gap at closing position?

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

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

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

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

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

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

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

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

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

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

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