

January 2026

GOVT ITI PERDOOR

Question Paper

Duration: 60 Mins

Total Marks: 25

ID: ITISKILL2897IV

Student Name: _____ Roll No: _____

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

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

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

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

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

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

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

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

5. 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

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

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

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

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

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

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

9. Which component defrosts in frost free refrigerator?

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

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

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

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

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

12. Which domestic system uses automatic defrost?

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

13. Which component is used in frost free refrigerator?

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

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

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

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

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

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

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

17. How the capacity of refrigerator is expressed?

- A) Litres B) Tonnage

C) Wattage

D) Weightage

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

A) Running Terminal

B) Starting winding

C) Running winding

D) Common terminal

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

A) Uneven floor level

B) Either side gap less

C) Either side gap more

D) Uneven condenser level

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

A) Door paint

B) Door hinges

C) Door gasket

D) Thermostat

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

A) Thermostat

B) OLP

C) Relay

D) Door switch

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

A) High heating

B) Poor cooling

C) Low pressure

D) Low humidity

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

A) Condenser block

B) Filter block

C) Leakage of refrigerant

D) Over charge

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

A) Cabinet bulb

B) Over load protector

C) Thermostat sensor

D) Evaporator fan

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

A) Diluted acid

B) Painting brush

C) Soap solution

D) Fin comb