TRADE THEORY - 17-Feb-2026
03:29 PM

Trade theory test for the month of January 2026

January 2026

GOVT ITI PERDOOR

Q. ID: ITISKILL2897IV

Question Paper

Student: Srujan.k
Score: 16/25 (64.00%)   **Code: 7660**

1. Which component defrosts in frost free refrigerator?

A) Bulb   **B) Heater (Correct)**

C) Thermostat   D) Capillary tube

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

A) Thermostat   B) Capacitor

C) Relay (Correct)   D) OLP

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

A) 5 Degree Centigrade   **B) 10 Degree Centigrade (Correct)**

C) 20 Degree Centigrade   D) 25 Degree Centigrade

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4. Which domestic system uses automatic defrost?

A) Frost free refrigerator (Correct)   B) Conventional refrigerator

C) Split air - conditioner   D) Window air - conditioner

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

A) Painting brush   B) Diluted acid

C) Soap solution   D) Fin comb (Incorrect)

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6. How the capacity of refrigerator is expressed?

A) Weightage   B) Tonnage (Incorrect)

C) Wattage   **D) Litres**

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

A) 0 Degree Centigrade (Incorrect)   **B) - 15 Degree Centigrade**

C) - 45 Degree Centigrade   D) - 65 Degree Centigrade

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

A) Tray on top of the compressor   B) Bottom of the evaporator

C) Bottom of the condenser (Incorrect)   D) Top of the freezer

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9. Which component is used in frost free refrigerator?

A) Plate coil evaporator   B) Liquid receiver

C) Oil separator   **D) Timer switch (Correct)**

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

A) Plate type   B) Wire mesh

C) Finned tube (Correct)   D) Shell and tube

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

A) OLP (Correct)   B) Relay

C) Thermostat   D) Door switch

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

A) Capillary tube (Correct) B) Compressor

C) Condenser   D) Evaporator

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

A) Vapour compression   B) Vapour absorption

C) Water vapour   D) Evacuating (Incorrect)

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

A) Bimetal thermo   B) Thermostat (Incorrect)

C) Relay   D) Timer

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

A) Evaporator fan motor is running   **B) Compressor is not running (Correct)**

C) Thermostat cuts off   D) Relay activated

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

A) Bimetal thermo   B) Defrost heater (Incorrect)

C) Timer   D) Relay

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

A) Cabinet bulb   **B) Evaporator fan (Correct)**

C) Thermostat sensor   D) Over load protector

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

A) Vertically up (Correct)   B) Bottom side

C) Vertically down   D) Horizontally left

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19. Which is connected in series with start capacior in motor circuit?

A) Starting winding (Correct)   B) Common terminal

C) Running Terminal   D) Running winding

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

A) Forced air circulation   B) Natural air circulation (Incorrect)

C) Low temperature setting   D) High temperature setting

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

A) Leakage of refrigerant   B) Condenser block

C) Filter block (Incorrect)   D) Over charge

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22. What is the effect of bimetal thermo stucks in ON position in frost free refrigerator?

A) Accumulation of frost   B) More cooling

C) Poor cooling   **D) No cooling (Correct)**

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

A) High heating   **B) Poor cooling (Correct)**

C) Low pressure   D) Low humidity

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

A) Uneven floor level (Correct)   B) Either side gap more

C) Either side gap less   D) Uneven condenser level

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

A) Thermostat   **B) Door gasket (Correct)**

C) Door paint   D) Door hinges