

Duration: 30 Mins

Total Marks: 25

Q.ID: ITISKILL7271RR

1. Which part regulates the heat in automatic iron? |
ಆಟೋಮೇಟಿಕ್ ಐರನ್‌ನಲ್ಲಿನ ಶಾಖವನ್ನು ಯಾವ ಭಾಗವು ನಿಯಂತ್ರಿಸುತ್ತದೆ?

- A) Pressure plate | ಪ್ರೆಶರ್ ಪ್ಲೇಟ್
B) Heating element | ಹೀಟಿಂಗ್ ಎಲಿಮೆಂಟ್
C) Asbestos sheet | ಆಸ್ಟೆಸ್ಟೋಸ್ ಷೀಟ್
D) Thermostatic switch | ಥರ್ಮೋಸ್ಟಾಟಿಕ್ ಸ್ವಿಚ್

Answer: D) Thermostatic switch | ಥರ್ಮೋಸ್ಟಾಟಿಕ್ ಸ್ವಿಚ್

2. Which application uses the capillary tube expansion device?

- A) Commercial AC plants
B) Hospital IAQ systems
C) Industrial ice plants
D) Domestic RAC units

Answer: D) Domestic RAC units

3. Which one of the following geometrical shapes centre of gravity lies from its base is 1/3 of its height?

- A) Cone
B) Square
C) Rhombus
D) Triangle

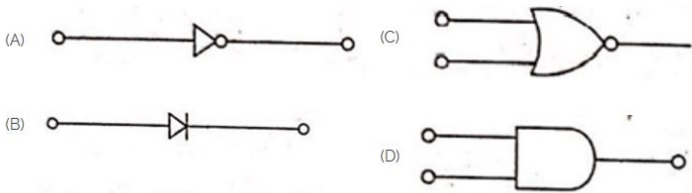
Answer: D) Triangle

4. Where the centre of gravity of a circle lies?

- A) Any where on its radius
B) Any where on its diameter
C) Any where on its circumference
D) At its centre

Answer: D) At its centre

5. Which is the NOT gate in the following picture? | ಕೆಳಗಿನ ಚಿತ್ರದಲ್ಲಿ NOT ಗೇಟ್ ಯಾವುದು?



- A) A
B) C
C) D
D) B

Answer: A) A

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

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

Answer: B) Frost blocks air circulation

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

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

Answer: A) Poly urethane foam

8. Which is the constant reference for the working of AEV?

- A) Discharge pressure
B) Oil temperature
C) Suction pressure
D) Volume expansion

Answer: C) Suction pressure

9. Which evaporator is known as extended surface evaporator?

- A) Evaporator tubes
B) Coiled stake evaporator
C) Finned evaporator
D) Bare tube evaporator

Answer: C) Finned evaporator

10. Which is the single pole MCB? | ಸಿಂಗಲ್ ಪೋಲ್ MCB ಯಾವುದು?



- A) C
B) B
C) D
D) A

Answer: A) C

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

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

Answer: B) Evaporative condenser

12. What is the type of condenser used in direct cool refrigerator?

- A) Tube in tube
B) Wire mesh
C) Fin and tube
D) Shell and tube

Answer: B) Wire mesh

13. Why frost accumulates in window AC evaporator?

- A) Air filter blocked B) Over charge of refrigerant
C) Capillary chocking D) Less charge of refrigerant

Answer: A) Air filter blocked

14. Which type of evaporator is used in house hold refrigerator?

- A) Shell and coil evaporator B) Plate evaporator
C) Shell and tube evaporator D) Tube in tube evaporator

Answer: B) Plate evaporator

15. What is the name of the gate | ಗೇಟ್ ಹೆಸರೇನು?



- A) AND Gate | AND ಗೇಟ್ B) Ex-NOR Gate | Ex-NOR ಗೇಟ್
C) OR Gate | OR ಗೇಟ್ D) NOT Gate | NOT ಗೇಟ್

Answer: A) AND Gate | AND ಗೇಟ್

16. What is the centre of gravity of a sphere?

- A) At the diameter B) On the circumference
C) At the radius D) At the centre

Answer: D) At the centre

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

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

Answer: B) Replace the bimetal thermo

18. Which expansion valve is suitable for constant load operation?

- A) Low side float valve B) Automatic expansion valve
C) Relief valve D) King valve

Answer: B) Automatic expansion valve

19. What is the centre of gravity of a right circular cone from its base?

- A) $h/5$ B) $h/3$
C) $h/2$ D) $h/4$

Answer: D) $h/4$

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

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

Answer: C) Silica gel

21. What is the process of accumulation of ice on the surface of evaporator?

- A) Evacuating B) Defrosting
C) Melting of frost D) Frosting

Answer: D) Frosting

22. Which is protective device? | ರಕ್ಷಣಾತ್ಮಕ ಸಾಧನ ಯಾವುದು?

- A) Fuse | ಫ್ಯೂಸ್ B) Resistor | ರೆಸಿಸ್ಟರ್
C) Magnet | ಮ್ಯಾಗ್ನೆಟ್ D) Capacitor | ಕೆಪಾಸಿಟರ್

Answer: A) Fuse | ಫ್ಯೂಸ್

23. What is the name of the point at which all the weight of the body concentrated?

- A) Centre of gravity B) Central point
C) Centroid D) Initial point

Answer: A) Centre of gravity

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

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

Answer: C) Moisture and wax from oil

25. Which component is connected in series with defrost heater in a frost free refrigerator?

- A) Bimetal thermo B) Door switch
C) Heating element D) Cabinet bulb

Answer: A) Bimetal thermo