

Duration: 30 Mins

Total Marks: 25

Q.ID: ITISKILL4753RY

1. What is the physical state of ammonia at condenser inlet in vapour absorption system?

- A) Solid
B) Liquid
C) Vapour
D) Semi solid

Answer: C) Vapour

2. What is the capacity of doing work?

- A) Energy
B) Power
C) Work
D) Force

Answer: A) Energy

3. Which components are connected by metering device in vapour compression cycle?

- A) Compressor and condenser
B) Condenser and evaporator
C) Compressor and evaporator
D) Evaporator and suction line

Answer: B) Condenser and evaporator

4. What is the force with which a body is attracted by the earth towards its centre?

- A) Mass
B) Volume
C) Weight
D) Density

Answer: C) Weight

5. Which law is related to the constant PV at constant T?

- A) Pascal's law
B) Charles's law
C) Renault's law
D) Boyle's law

Answer: D) Boyle's law

6. Which instrument is used to measure atmospheric pressure?

- A) Barometer
B) Hydrometer
C) Hygrometer
D) Manometer

Answer: A) Barometer

7. What is called mass per unit volume of a substance?

- A) Volume
B) Density
C) Mass
D) Weight

Answer: B) Density

8. Which instrument is used for measuring heat?

- A) Ammeter
B) Calorimeter
C) Anemometer
D) Thermometer

Answer: B) Calorimeter

9. Which two components do the compressor function in vapour absorption system?

- A) Generator and condenser
B) Generator and evaporator
C) Generator and separator
D) Generator and absorber

Answer: D) Generator and absorber

10. What is the density of aluminium?

- A) 5.7 g/cm³
B) 2.7 g/cm³
C) 4.7 g/cm³
D) 3.7 g/cm³

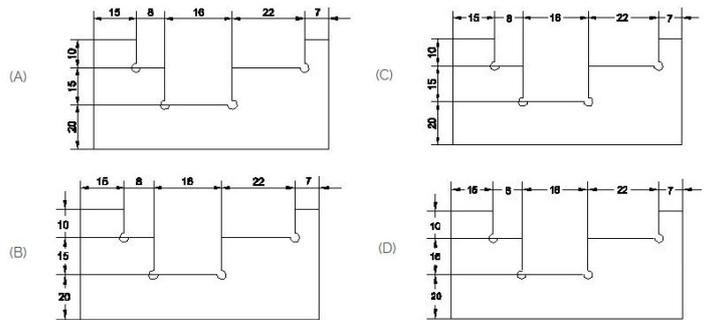
Answer: B) 2.7 g/cm³

11. What is the purpose of accumulator in a refrigerator?

- A) Improves oil circulation
B) Prevents surging of refrigerant
C) Prevents liquid flood back to compressor
D) Avoids hunting of refrigerant

Answer: C) Prevents liquid flood back to compressor

12. Identify the correct aligned system dimension? | ಸರಿಯಾದ ಜೋಡಿಸಲಾದ ಸಿಸ್ಟಮ್ ಆಯಾಮವನ್ನು ಗುರುತಿಸುವುದೇ?



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

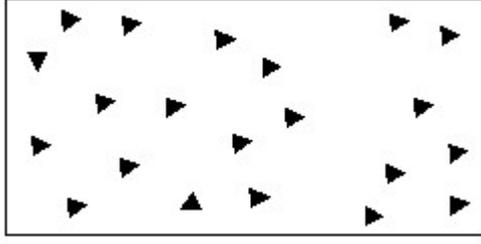
Answer: B) A

13. What is the absolute zero temperature in degree centigrade?

- A) 212 Degree Centigrade
B) 0 Degree Centigrade
C) 100 Degree Centigrade
D) -273 Degree Centigrade

Answer: D) -273 Degree Centigrade

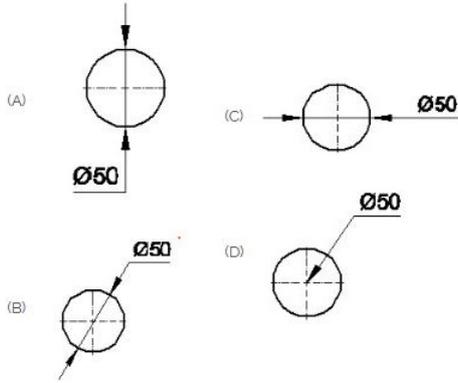
14. Identify the conventional symbol of material? | ವಸ್ತುವಿನ ಕನ್ವೆಷನಲ್ ಚಿಹ್ನೆಯನ್ನು ಗುರುತಿಸಿ?



- A) Wood | ಮರ
B) Concrete | ಕಾಂಕ್ರೀಟ್
C) Steel | ಸ್ಟೀಲ್
D) Glass | ಗಾಜು

Answer: B) Concrete | ಕಾಂಕ್ರೀಟ್

15. Which dimension correctly marked in the circle as per standard? | ಮಾನದಂಡದ ಪ್ರಕಾರ ವೃತ್ತದಲ್ಲಿ ಯಾವ ಆಯಾಮವನ್ನು ಸರಿಯಾಗಿ ಗುರುತಿಸಲಾಗಿದೆ?



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

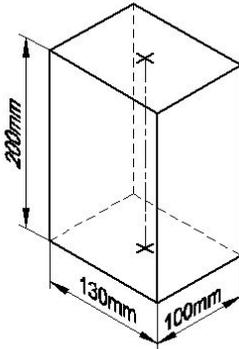
Answer: A) B

16. What is the boiling point of pure water in centigrade scale?

- A) 212 Degree Centigrade
B) 0 Degree Centigrade
C) 32 Degree Centigrade
D) 100 Degree Centigrade

Answer: D) 100 Degree Centigrade

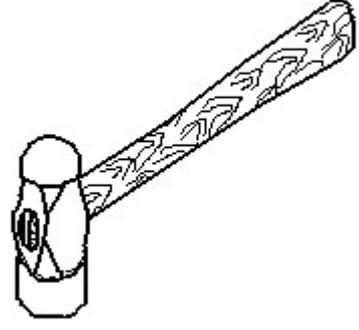
17. Identify the name of prism? | ಪ್ರಿಸ್ಮ್ ಹೆಸರನ್ನು ಗುರುತಿಸುವುದೇ?



- A) Rectangle prism | ಆಯತ ಪ್ರಿಸ್ಮ್
B) Hexagonal prism | ಷಡ್ಭುಜೀಯ ಪ್ರಿಸ್ಮ್
C) Triangular prism | ತ್ರಿಕೋನ ಪ್ರಿಸ್ಮ್
D) Square prism | ಚದರ ಪ್ರಿಸ್ಮ್

Answer: A) Rectangle prism | ಆಯತ ಪ್ರಿಸ್ಮ್

18. Identify the name of tool? | ಉಪಕರಣದ ಹೆಸರನ್ನು ಗುರುತಿಸುವುದೇ?



- A) Ball peen hammer | ಬಾಲ್ ಪೆನ್ ಸುತ್ತಿಗೆ
B) Cross peen hammer | ಕ್ರಾಸ್ ಪೀನ್ ಸುತ್ತಿಗೆ
C) Straight peen hammer | ನೇರ ಪೆನ್ ಸುತ್ತಿಗೆ
D) Sledge hammer | ಸ್ಲೆಡ್ಜ್ ಸುತ್ತಿಗೆ

Answer: A) Ball peen hammer | ಬಾಲ್ ಪೆನ್ ಸುತ್ತಿಗೆ

19. What is the absolute pressure of gas in a cylinder, if gauge reads 135.3 p.s.i.?

- A) 160 p.s.i.a
B) 130 p.s.i.a
C) 150 p.s.i.a
D) 140 p.s.i.a

Answer: C) 150 p.s.i.a

20. What is the atmospheric pressure at sea level?

- A) 1.033 kg/cm²
B) 1.3 Kg/cm²
C) 1.5 Kg/cm²
D) 1.6 Kg/cm²

Answer: A) 1.033 kg/cm²

21. What is the barometer reading at sea level in Hg column?

- A) 760 mm
B) 730 mm
C) 750 mm
D) 740 mm

Answer: A) 760 mm

22. What is the specific gravity of the metal, if the weighs 6.5 kgf in air and 3.5 kgf in water?

- A) 1.166
B) 2.166
C) 6.166
D) 3.166

Answer: B) 2.166

23. What is the block weighs (W) in kg, if volume (V) is 320 cm³ and density 8.9 g/cm³?

- A) 2.448
B) 2.648 kg
C) 2.848 kg
D) 2.948 kg

Answer: C) 2.848 kg

24. Which component controls the thermostat and defrost heater in frost free refrigerator?

A) Relay

B) OLP

C) Thermoheater

D) Defrost timer

Answer: D) Defrost timer

25. Which method is used to connect the swaged joint in

copper tubes?

A) TIG welding

B) Silver brazing

C) Lead soldering

D) Fusion welding

Answer: B) Silver brazing
