

Govt iti udupi

ITI Quiz - 17-Feb-2026 02:57 PM

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Student Name	Sushanth acharya	Access Code	6142
Attempt No.	#1	Completion Time	10:23 AM
Rank	#7	Total Questions	25

19 SCORE

25 MAX MARKS

19 CORRECT

6 INCORRECT

Answer Review

Q1 **CORRECT** 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 ☐

Q2 **CORRECT** Which instrument is used to measure atmospheric pressure?

A. Hygrometer ☐

B. Hydrometer ☐

C. Manometer ☐

D. Barometer ☒

Q3 **CORRECT** What is the boiling point of pure water in centigrade scale?

A. 212 Degree Centigrade

B. 100 Degree Centigrade ☒

C. 32 Degree Centigrade

D. 0 Degree Centigrade

Q4 **INCORRECT** What is the barometer reading at sea level in Hg column?

A. 760 mm ☒

B. 750 mm ☐

C. 740 mm

D. 730 mm

Q5 **CORRECT** What is the capacity of doing work?

A. Work

B. Power

C. Force

D. Energy ☒

Q6 **INCORRECT** Which instrument is used for measuring heat?

A. Thermometer ☐

B. Anemometer

C. Calorimeter ☒

D. Ammeter

Q7 **CORRECT** What is the absolute zero temperature in degree centigrade?

- A. 0 Degree Centigrade
- B. 100 Degree Centigrade
- C. -273 Degree Centigrade ☒
- D. 212 Degree Centigrade

Q8 **CORRECT** What is the physical state of ammonia at condenser inlet in vapour absorption system?

- A. Solid
- B. Liquid
- C. Vapour ☒
- D. Semi solid

Q9 **CORRECT** Which law is related to the constant PV at constant T?

- A. Boyles law ☒
- B. Charles s law
- C. Pascal s law
- D. Renaults law

Q10 **CORRECT** Which method is used to connect the swaged joint in copper tubes?

- A. TIG welding
- B. Silver brazing ☒
- C. Lead soldering
- D. Fusion welding

Q11 **CORRECT** Which component controls the thermostat and defrost heater in frost free refrigerator?

A. Thermoheater

B. Defrost timer ☒

C. Relay

D. OLP

Q12 **CORRECT** What is the absolute pressure of gas in a cylinder, if gauge reads 135.3 p.s.i?

A. 130 p.s.i.a

B. 140 p.s.i.a

C. 150 p.s.i.a ☒

D. 160 p.s.i.a

Q13 **CORRECT** Which two components do the compressor function in vapour absorption system?

A. Generator and absorber ☒

B. Generator and separator

C. Generator and condenser

D. Generator and evaporator

Q14 **CORRECT** Which components are connected by metering device in vapour compression cycle?

A. Condenser and evaporator ☒

B. Compressor and condenser

C. Evaporator and suction line

D. Compressor and evaporator

Q15 **CORRECT** What is the purpose of accumulator in a refrigerator?

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

Q16 **CORRECT** What is the force with which a body is attracted by the earth towards its centre?

- A. Mass
- B. Weight ☒
- C. Volume
- D. Density

Q17 **INCORRECT** What is called mass per unit volume of a substances?

- A. Mass
- B. Weight ☐
- C. Density ☒
- D. Volume

Q18 **INCORRECT** What is the density of aluminium?

- A. 2.7 g/cm^3 ☒
- B. 3.7 g/cm^3
- C. 4.7 g/cm^3
- D. 5.7 g/cm^3 ☐

Q19 **CORRECT** What is the block weighs (W) in kg, if volume (V) is 320 cm³ and density 8.9 g/cm³?

A. 2.948 kg

B. 2.848 kg ☒

C. 2.648 kg

D. 2.448

Q20 **INCORRECT** What is the specific gravity of the metal, if the weighs 6.5 kgf in air and 3.5 kgf in water?

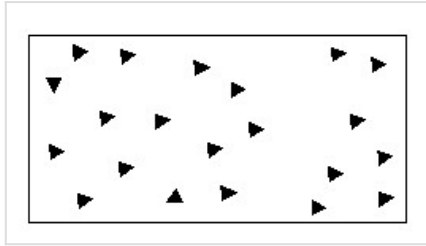
A. 6.166

B. 3.166

C. 2.166 ☒

D. 1.166 ☐

Q21 **CORRECT** Identify the conventional symbol of material? | ವಸ್ತುವಿನ ಕನ್ವೆಷನಲ್ ಚಿಹ್ನೆಯನ್ನು ಗುರುತಿಸಿ?



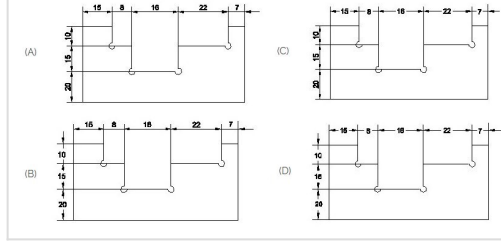
A. Steel | ಸ್ಟೀಲ್

B. Wood | ಮರ

C. Glass | ಗಾಜು

D. Concrete | ಕಾಂಕ್ರೀಟ್ ☒

Q22 **CORRECT** Identify the correct aligned system dimension? | ಸರಿಯಾದ ಜೋಡಿಸಲಾದ ಸಿಸ್ಟಮ್ ಆಯಾಮವನ್ನು ಗುರುತಿಸುವುದೇ?



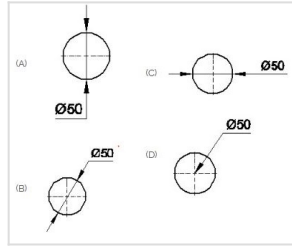
A. A ☐

B. B ☐

C. C ☐

D. D ☐

Q23 **INCORRECT** Which dimension correctly marked in the circle as per standard? | ಮಾನದಂಡದ ಪ್ರಕಾರ ವೃತ್ತದಲ್ಲಿ ಯಾವ ಆಯಾಮವನ್ನು ಸರಿಯಾಗಿ ಗುರುತಿಸಲಾಗಿದೆ?



A. A ☐

B. B ☐

C. C ☐

D. D ☐

Q24 **CORRECT** Identify the name of tool? | ಉಪಕರಣದ ಹೆಸರನ್ನು ಗುರುತಿಸುವುದೇ?



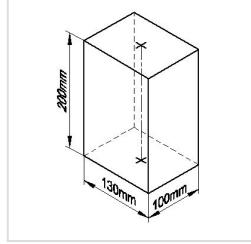
A. Ball peen hammer | ಬಾಲ್ ಪೆನ್ ಸುತ್ತಿಗೆ □

B. Cross pein hammer | ಕ್ರಾಸ್ ಪೀನ್ ಸುತ್ತಿಗೆ

C. Straight pein hammer | ನೇರ ಪೆನ್ ಸುತ್ತಿಗೆ

D. Sledge hammer | ಸ್ಲೇಜ್ ಸುತ್ತಿಗೆ

Q25 **CORRECT** Identify the name of prism? | ಪ್ರಿಸ್ಟ್ ಹೆಸರನ್ನು ಗುರುತಿಸುವುದೇ?



A. Rectangle prism | ಆಯತ ಪ್ರಿಸ್ಟ್ □

B. Square prism | ಚದರ ಪ್ರಿಸ್ಟ್

C. Triangular prism | ತ್ರಿಕೋನ ಪ್ರಿಸ್ಟ್

D. Hexagonal prism | ಷಡ್ಭುಜೀಯ ಪ್ರಿಸ್ಟ್