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

Q. ID: ITISKILL3768AY | February 2026

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Student Name	Preetham	Access Code	7705
Attempt No.	#1	Completion Time	10:26 AM
Rank	#5	Total Questions	25

21 SCORE

25 MAX MARKS

21 CORRECT

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

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

Q18 **CORRECT** 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 **CORRECT** What is the specific gravity of the metal, if the weighs 6.5 kgf in air and 3.5 kgf in water?

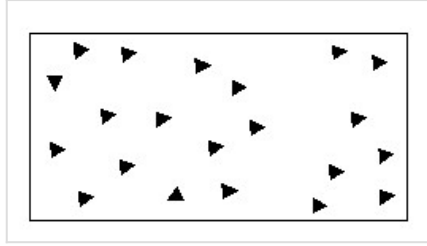
A. 6.166

B. 3.166

C. 2.166

D. 1.166

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



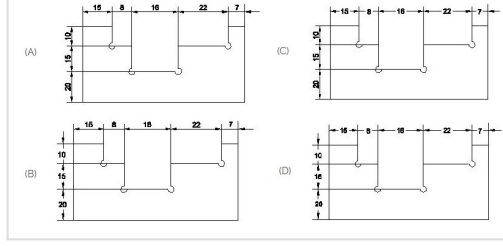
A. Steel | ಸ್ಟೀಲ್

B. Wood | ಮರ

C. Glass | ಗಾಜು

D. Concrete | ಕಾಂಕ್ರೀಟ್

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



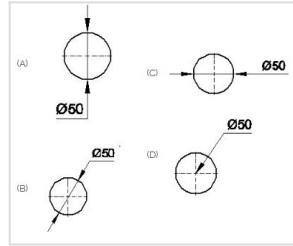
A. A

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?



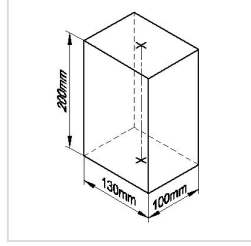
A. Ball pein hammer | ಬಾಲ್ ಪೆನ್ ಸುತ್ತಿಗೆ

B. Cross pein hammer | ಕ್ರಾಸ್ ಪೀನ್ ಸುತ್ತಿಗೆ

C. Straight pein hammer | ನೇರ ಪೆನ್ ಸುತ್ತಿಗೆ

D. Sledge hammer | ಸ್ಲೆಜ್ಜ್ ಸುತ್ತಿಗೆ

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



A. Rectangle prism | ಆಯತ ಪ್ರಿಸ್ಮ್

B. Square prism | ಚದರ ಪ್ರಿಸ್ಮ್

C. Triangular prism | ತ್ರಿಕೋನ ಪ್ರಿಸ್ಮ್

D. Hexagonal prism | ಷಡ್ಭುಜೀಯ ಪ್ರಿಸ್ಮ್