

Govt ITI UDUPI

Q. ID: ITISKILL07384H | March 2026

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Student Name	VISHWAS	Access Code	8433
Attempt No.	#1	Completion Time	12:47 PM
Rank	#6	Total Questions	25

17 SCORE

25 MAX MARKS

17 CORRECT

8 INCORRECT

Answer Review

Q1 **CORRECT** Which component defrosts in frost free refrigerator?

A. Bulb

B. Heater ☒

C. Thermostat

D. Capillary tube

Q2 **CORRECT** Which component switches ON/OFF the starting winding in RSIR motor?

A. Thermostat

B. Capacitor

C. Relay ☒

D. OLP

Q3 **CORRECT** Which domestic system uses automatic defrost?

A. Frost free refrigerator ☒

B. Conventional refrigerator

C. Split air - conditioner

D. Window air - conditioner

Q4 **INCORRECT** Which sheet is used to check the tightness of door gasket of a refrigerator?

A. Rubber ☐

B. Plastic ☐

C. Copper

D. Zinc

Q5 **CORRECT** How the capacity of refrigerator is expressed?

A. Weightage

B. Tonnage

C. Wattage

D. Litres ☐

Q6 **CORRECT** What is the temperature maintained in the refrigerator freezer?

A. 0 Degree Centigrade

B. - 15 Degree Centigrade ☐

C. - 45 Degree Centigrade

D. - 65 Degree Centigrade

Q7 **CORRECT** Which electrical control cuts off heating element in frost free refrigerator?

A. Bimetal thermo ☐

B. Thermostat

C. Relay

D. Timer

Q8 **CORRECT** 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 ☒

C. Thermostat cuts off

D. Relay activated

Q9 **CORRECT** Which component actuates the defrost cycle in frost free refrigerator?

A. Bimetal thermo

B. Defrost heater

C. Timer ☒

D. Relay

Q10 **CORRECT** Which movement of plunger energises the start winding in relay operation?

A. Vertically up ☒

B. Bottom side

C. Vertically down

D. Horizontally left

Q11 **CORRECT** What is the advantage of sealed system compared to open type system?

A. Mechanical efficiency is greater

B. Cylinder lubrication is easier

C. Any refrigerant can be used

D. No shaft seal is required ☒

Q12 **INCORRECT** What is the effect of bimetal thermo sticks in ON position in frost free refrigerator?

A. Accumulation of frost ☐

B. More cooling

C. Poor cooling

D. No cooling ☐

Q13 **INCORRECT** What is the cause for refrigerator door gap at closing position?

A. Uneven floor level ☐

B. Either side gap more

C. Either side gap less ☐

D. Uneven condenser level

Q14 **CORRECT** Which component is replaced to prevent air entering the refrigerator cabinet?

A. Thermostat

B. Door gasket ☐

C. Door paint

D. Door hinges

Q15 **INCORRECT** What is the result if discharge reed is broken in open type compressor?

A. Poor pumping ☐

B. More pumping

C. Oil pumping

D. No pumping ☐

Q16 **CORRECT** What is the unit of speed?

A. Metre/second ☐

B. Metre/second² ☐

C. Metre/minute ☐

D. Metre/hour ☐

Q17 **INCORRECT** What is called if a body posses both magnitude and direction of velocity?

A. Speed ☐

B. Velocity ☐

C. Vector quantity ☐

D. Scalar quantity ☐

Q18 **CORRECT** What is velocity of a body travels a distance of 168 metres in a line in 21 seconds?

A. 6 m/sec ☐

B. 8 m/sec ☐

C. 10 m/sec ☐

D. 12 m/sec ☐

Q19 **CORRECT** What is the potential energy, if a body of mass 250 kg is at a height of 30 metre?

A. 72.57 KJ ☐

B. 73.57 KJ ☐

C. 74.57 KJ ☐

D. 75.57 KJ ☐

Q20 **CORRECT** What is the potential energy in a body of mass 10 kg kept on the top of a pole 20 metres height?

A. 1942 Joules

B. 1952 Joules

C. 1962 Joules ☒

D. 1972 Joules

Q21 **CORRECT** Identify the name of tool? | ಉಪಕರಣದ ಹೆಸರನ್ನು ಗುರುತಿಸುವುದೇ?



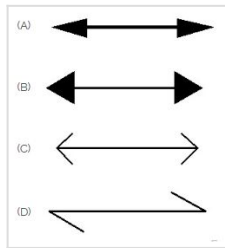
A. Ball pein hammer | ಬಾಲ್ ಪೆನ್ ಸುತ್ತಿಗೆ

B. Mallet | ಮ್ಯಾಲೆಟ್ ☒

C. Cross pein hammer | ಕ್ರಾಸ್ ಪೀನ್ ಸುತ್ತಿಗೆ

D. Straight pein hammer | ಸ್ಟ್ರೈಟ್ ಪೆಯಿನ್ ಸುತ್ತಿಗೆ

Q22 **INCORRECT** Which arrow head is correct as per standard? | ಮಾನದಂಡದ ಪ್ರಕಾರ ಯಾವ ಬಾಣದ ಹೆಡ್ ಸರಿಯಾಗಿದೆ?



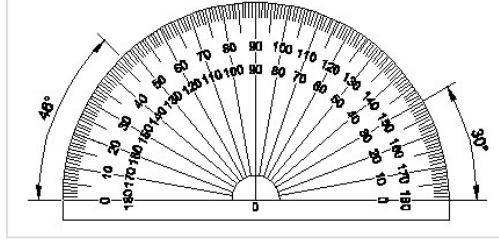
A. A ☐

B. B ☒

C. C

D. D

Q23 **CORRECT** Identify the name of instrument? | ಉಪಕರಣದ ಹೆಸರನ್ನು ಗುರುತಿಸುವುದೇ?



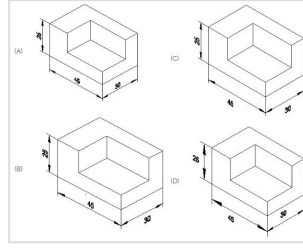
A. Set square | ಸೆಟ್ ಸ್ಕ್ವೇರ್

B. Protractor | ಪ್ರೊಟ್ರಾಕ್ಟರ್

C. French curve | ಫ್ರೆಂಚ್ ಕರ್ವ್

D. T square | ಟಿ ಸ್ಕ್ವೇರ್

Q24 **INCORRECT** Which drawing dimension is correct as per standard drawing practice? | ಸ್ಟಾಂಡರ್ಡ್ ಡ್ರಾಯಿಂಗ್ ಅಭ್ಯಾಸದ ಪ್ರಕಾರ ಯಾವ ಡ್ರಾಯಿಂಗ್ ಆಯಾಮ ಸರಿಯಾಗಿದೆ?



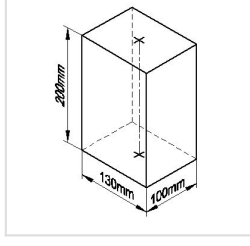
A. A

B. B

C. C

D. D

Q25 **INCORRECT** 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