GOVT.ITI,H.D. KOTE

ITI Quiz - 14-Jul-2026 10:35 AM

Q. ID: ITISKILL5460DV | July 2026

28.00% 7 / 25

Student Name	Ramesh	Access Code	2933
Attempt No.	#6	Completion Time	11:05 AM
Rank	#2	Total Questions	25

7 SCORE	**25** MAX MARKS	**7** CORRECT	**18** INCORRECT

Answer Review

Q1 INCORRECT Which is very good conductor?

A. Copper

B. Cast iron

C. Wrought iron

D. Steel

Q2 INCORRECT What is the resistance?

I = 11.5 Amps

V = 380 Volts

R = _____Ohms

A. 13 ohms

B. 23 ohms

C. 33 ohms

D. 43 ohms

Q3 CORRECT What is the voltage?

R = 250 Ohms

I = 0.44 Amps

V = ____Volts

A. 100 Volts

B. 105 Volts

C. 108 Volts

D. 110 Volts

Q4 INCORRECT What is the resistance of an electric iron if the rating of electric iron is 220 V and 500 watts?

A. 94.8 ohms

B. 95.8 ohms

C. 96.8 ohms

D. 97.8 ohms

Q5 CORRECT Which law states about electromagnetic induction?

A. Ohm's law

B. Hooke's law

C. Lenz's law

D. Faraday's law

Q6 INCORRECT What is the formual for induced emf?

A. B²L sinq volts

B. BL sinq volts

C. BLV sinq volts

D. B²V sinq volts

Q7 INCORRECT How many hours will take for a 100 watts bulb to consume 1 kwh energy?

W = 1 Kwh

P = 100 Watts

t = ____Hours

A. 10 hours

B. 12 hours

C. 18 hours

D. 24 hours

Q8 CORRECT What is the specific gravity of the solid, if density of the solid is 19.5 g/cm³?

A. 8

B. 18.5

C. 19

D. 19.5

Q9 CORRECT Which metal contains iron as a major content?

A. Brass metal

B. Bronze metal

C. Zinc

D. Ferrous metal

Q10 INCORRECT Which steel is used for making files and cold chisel?

A. Low carbon steel

B. Midium carbon steel

C. High carbon steel

D. Stainless steel

Q11 CORRECT What is the area of a square whose side is 18 cm?

A. 26 cm²

B. 36 cm²

C. 72 cm²

D. 324 cm² □

Q12 INCORRECT What is the perimeter of a rectangle whose length and breadth are 20 cm and 18 cm?

A. 56 cm

B. 66 cm

C. 76 cm □

D. 86 mm □

Q13 INCORRECT Find the total surface area of a cast iron bar whose length, width and height are 20m, 15m and 12m.

A. 1340 m²

B. 1440 m² □

C. 1540 m²

D. 1640 m² □

Q14 INCORRECT What is the volume of a rectangular tank of 30 m length, 20m width and 10m height?

A. 5900 m³

B. 6000 m³ □

C. 6100 m³

D. 6200 m³ □

Q15 CORRECT What is called if a body posses only magnitude or size alone?

A. Speed

B. Velocity

C. Vector quantity

D. Scalar quantity

Q16 INCORRECT What is the unit of acceleration of an object?

A. Metre/second

B. Metre/second²

C. Metre/minutes

D. Metre/minutes²

Q17 INCORRECT What maximum height a stone will reach if it is thrown upwords with a velocity of 20m/sec?(g = 10m/sec²)

A. 10 m

B. 20 m

C. 30 m

D. 40 m

Q18 INCORRECT What is the formula for potential energy?

A. mgh joule

B. mgh² joule

C. 1/2 mgh joule

D. 2/3 mgh joule

Q19 INCORRECT 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

Q20 INCORRECT What are fundamental units?

A. Length, Mass, Volume

B. Length, Mass, Time

C. Length, Mass, Area

D. Length, Pressure, Volume

Q21 CORRECT Convert decimal 0.000659 to fraction?

A. (659/1000)

B. (659/10000)

C. (659/100000)

D. (659/1000000)

Q22 INCORRECT What is the length of each part is a copper wire of 225 metre long is cut into 900 equal parts?

A. 0.23 metre

B. 0.25 metre

C. 0.28 metre

D. 0.29 metre

Q23 INCORRECT What is the square root of 529? | 529 ರ ವರ್ಗಮೂಲ ಯಾವುದು?

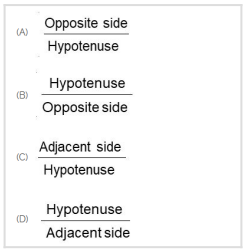
A. 13

B. 23 □

C. 33

D. 43 □

Q24 INCORRECT Which is equal to sinθ? | ಯಾವುದು sinθ ಗೆ ಸಮಾನ?



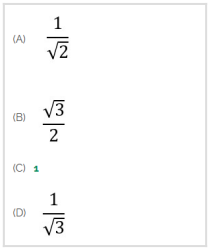
A. A □

B. B

C. C

D. D □

Q25 INCORRECT What is the value of tan 45° if sin 45° = 1/□ 2? | Sin 45° = 1/□ ಆಗಿದ್ದರೆ tan 45° ಮೌಲ್ಯ ಎಷ್ಟು?



A. A

B. B

C. C □

D. D □