

GOVT.ITI,H.D. KOTE

ITI Quiz - 29-Jul-2026 08:40 PM

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28.00% 7 / 25

Student Name	MANU N	Access Code	4885
Attempt No.	#1	Completion Time	09:03 PM
Rank	#4	Total Questions	25

7 SCORE

25 MAX MARKS

7 CORRECT

18 INCORRECT

Answer Review

Q1 **INCORRECT** Which machine converts mechanical energy into electrical energy?

A. Battery

B. Generator ☐

C. Heater

D. Iron box ☐

Q2 **INCORRECT** Which is the unit of resistance?

A. Ampere

B. Volt ☐

C. Ohm ☐

D. Watt

Q3 **INCORRECT** What is the resistance?

$I = 11.5 \text{ Amps}$

$V = 380 \text{ Volts}$

$R = \text{ ______ Ohms}$

A. 13 ohms ☐

B. 23 ohms ☐

C. 33 ohms ☒

D. 43 ohms ☐

Q4 **CORRECT** How much watt second in 1 watt hour?

A. 1000 watt sec ☐

B. 2000 watt sec ☐

C. 3600 watt sec ☒

D. 4000 watt sec ☐

Q5 **INCORRECT** How many hours will take for a 100 watts bulb to consume 1 kwh energy?

$W = 1 \text{ Kwh}$

$P = 100 \text{ Watts}$

$t = \text{ ______ Hours}$

A. 10 hours ☒

B. 12 hours ☐

C. 18 hours ☐

D. 24 hours ☐

Q6 **INCORRECT** What is the mass in gram, if a force of 15 dyres acting on a mass m producing an acceleration of 2.5 cm/sec²?

A. 9 grams

B. 8 grams ☐

C. 7 grams

D. 6 grams ☐

Q7 **CORRECT** Which metal contains iron as a major content?

A. Brass metal

B. Bronze metal

C. Zinc

D. Ferrous metal ☐

Q8 **INCORRECT** What is the name of furnace to obtained cast iron?

A. Cupola ☐

B. Mild steel - Blast furnace ☐

C. Steel - Rever battery

D. Alloy metal - Electric furnace

Q9 **INCORRECT** Which among the following is an insulator?

A. Copper

B. Aluminium

C. Silver ☐

D. Mica ☐

Q10 **CORRECT** Find the total surface area of a cast iron bar whose length, width and height are 20m, 15m and 12m.

A. 1340 m^2

B. 1440 m^2 ☒

C. 1540 m^2

D. 1640 m^2

Q11 **INCORRECT** What is the formula for total surface area of a cylinder?

A. $2 \pi r (h + r)$ ☒

B. $\pi r (h + r)$

C. $\pi r h$ ☐

D. $2 \pi r h$

Q12 **CORRECT** How many liters of water a cylindrical tank of radius 75 cm and height 100 cm can hold?

A. 1766.25 liters ☒

B. 1767.25 liters

C. 1768.25 liters

D. 1769.25 liters

Q13 **INCORRECT** What is called if a body does not change its position with respect to its surroundings?

A. Body at motion

B. Body at rest ☒

C. Speed ☐

D. Velocity

Q14 **INCORRECT** What is the speed of a train of 80 metre long train passes a railway station platform of 120 metres length in 20 seconds?

A. 30 km/hour ☐

B. 32 km/hour

C. 34 km/hour

D. 36 km/hour ☐

Q15 **CORRECT** What is called if a force of 1Newton acts on a body and moves it through a distance of 1 metre?

A. 1 Joule ☐

B. 10 Joules

C. 1 dyne

D. 10 dynes

Q16 **INCORRECT** How many ergs for 1 Joule?

A. 10^3 ergs

B. 10^5 ergs

C. 10^7 ergs ☐

D. 10^9 ergs ☐

Q17 **INCORRECT** How many watts for 1 horse power in British system?

A. 726 watts

B. 736 watts

C. 746 watts ☐

D. 756 watts ☐

Q18 **CORRECT** What is the kinetic energy of a bullet of mass 5gm travels with a speed of 500 m/sec?

A. 620 Joules

B. 625 Joules ☒

C. 630 Joules

D. 635 Joules

Q19 **INCORRECT** What is the percentage of copper if the casting weight of copper 42.3 kg and tin weight 2.7 kg?

A. Cu 92%

B. Cu 94% ☒

C. Cu 96%

D. Cu 98% ☐

Q20 **INCORRECT** What is the decimal fraction of conversion of 18.5%?

A. 0.185 ☒

B. 0.175

C. 0.165 ☐

D. 0.195

Q21 **CORRECT** What are the two classifications of system of units?

A. British and Metric

B. Gravitational and non-gravitational

C. Fundamental and derived ☒

D. Metric and International

Q22 **INCORRECT** What is the improper fraction for the given mixed fraction ? $7 \times (3/7)$

A. $(52/7)$ ☐

B. $"7/52"$

C. $"28/7"$ ☐

D. $"7/28"$

Q23 **INCORRECT** What is the area of a rectangle, whose length and breadth are 10cm and 8cm respectively? | ಉದ್ದ ಮತ್ತು ಅಗಲ ಕ್ರಮವಾಗಿ 10 ಸೆ.ಮೀ ಮತ್ತು 8 ಸೆ.ಮೀ. ಇರುವ ಆಯತದ ವಿಸ್ತೀರ್ಣ ಎಷ್ಟು?

A. 75 cm^2

B. 80 cm^2 ☐

C. 85 cm^2

D. 90 cm^2 ☐

Q24 **INCORRECT** How many millimetres are there in 1 inch? | 1 ಇಂಚಿನಲ್ಲಿ ಎಷ್ಟು ಮಿಲಿಮೀಟರ್‌ಗಳಿವೆ?

A. 2.54 mm ☐

B. 25.4 mm ☐

C. 24.5 mm

D. 2.45 mm

Q25 **INCORRECT** Which is the unit of current? | ಪ್ರವಾಹದ ಮೂಲಮಾನ ಯಾವುದು?

A. Ampere | ಆಂಪಿಯರ್ ☐

B. Volt | ವೋಲ್ಟ್

C. Ohm | ಓಂ

D. Watt | ವ್ಯಾಟ್ ☐