

# GOVT.ITI,H.D. KOTE

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

Q. ID: ITISKILL6928ZF | July 2026

40.00% 10 / 25

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|--------------|--------|-----------------|----------|
| Student Name | Ramesh | Access Code     | 1723     |
| Attempt No.  | #1     | Completion Time | 05:15 PM |
| Rank         | #2     | Total Questions | 25       |

10 SCORE

25 MAX MARKS

10 CORRECT

15 INCORRECT

### Answer Review

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

A. Battery

B. Generator ☒

C. Heater

D. Iron box ☐

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

A. Ampere

B. Volt

C. Ohm ☒

D. Watt

Q3 **INCORRECT** What is the resistance?

<br>

$I = 11.5$  Amps

<br>

$V = 380$  Volts

<br>

$R = \underline{\hspace{1cm}}$  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?

<br>

$W = 1$  Kwh

<br>

$P = 100$  Watts

<br>

$t = \underline{\hspace{1cm}}$  Hours

A. 10 hours ☒

B. 12 hours ☐

C. 18 hours

D. 24 hours

**Q6** **CORRECT** What is the mass in gram, if a force of 15 dynes acting on a mass  $m$  producing an acceleration of  $2.5 \text{ cm/sec}^2$ ?

A. 9 grams

B. 8 grams

C. 7 grams

D. 6 grams ☒

**Q7** **INCORRECT** 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** **CORRECT** 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.  $1340 \text{ m}^2$

B.  $1440 \text{ m}^2$  ☒

C.  $1540 \text{ m}^2$

D.  $1640 \text{ m}^2$

**Q11** **CORRECT** 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** **INCORRECT** 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 **CORRECT** How many watts for 1 horse power in British system?

A. 726 watts

B. 736 watts

C. 746 watts ☐

D. 756 watts

Q18 **INCORRECT** 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 **INCORRECT** 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 **CORRECT** What is the improper fraction for the given mixed fraction ?  $7 \frac{3}{7}$

A.  $\frac{52}{7}$  ☐

B.  $\frac{7}{52}$  ☐

C.  $\frac{28}{7}$  ☐

D.  $\frac{7}{28}$  ☐

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.  $75 \text{ cm}^2$  ☐

B.  $80 \text{ cm}^2$  ☐

C.  $85 \text{ cm}^2$  ☐

D.  $90 \text{ cm}^2$  ☐

Q24 **CORRECT** 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 ☐