

# GOVT. ITI, H.D. KOTE

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

Q. ID: ITISKILL6928ZF | July 2026

20.00% 5 / 25

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|--------------|----------|-----------------|----------|
| Student Name | ABHISHEK | Access Code     | 1096     |
| Attempt No.  | #1       | Completion Time | 09:44 PM |
| Rank         | #5       | Total Questions | 25       |

5 SCORE

25 MAX MARKS

5 CORRECT

20 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?

<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 **INCORRECT** 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** **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/sec<sup>2</sup>?

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

A. Copper ☐

B. Aluminium

C. Silver

D. Mica ☐

**Q10** **INCORRECT** 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** **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** **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 **INCORRECT** 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** **CORRECT** 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 **INCORRECT** 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 **CORRECT** 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 **CORRECT** Which is the unit of current? | ಪ್ರವಾಹದ ಮೂಲಮಾನ ಯಾವುದು?

A. Ampere | ಆಂಪಿಯರ್ ☐

B. Volt | ವೋಲ್ಟ್ ☐

C. Ohm | ಓಂ ☐

D. Watt | ವ್ಯಾಟ್ ☐