

# GOVT. ITI, H.D. KOTE

## ITI Quiz - 30-Jul-2026 04:20 PM

Q. ID: ITISKILL12287P | July 2026

36.00% 9 / 25

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|--------------|--------------------|-----------------|----------|
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| Attempt No.  | #1                 | Completion Time | 07:51 PM |
| Rank         | #7                 | Total Questions | 25       |

9 SCORE

25 MAX MARKS

9 CORRECT

16 INCORRECT

### Answer Review

Q1 **CORRECT** Which is mineral insulator

A. Glass

B. Quartz

C. Mica ☒

D. Porcelain

Q2 **INCORRECT** What is the voltage?

<br>

R = 250 Ohms

<br>

I = 0.44 Amps

<br>

V = \_\_\_\_ Volts

A. 100 Volts ☐

B. 105 Volts

C. 108 Volts

D. 110 Volts ☒

Q3 **INCORRECT** What does EMF stands for?

A. Electronic Magnetic Force ☐

B. Electro Motive Force ☐

C. Electro Magnetic Force

D. Electromated Force

Q4 **INCORRECT** Which is the example for statically induced emf?

A. Generator ☐

B. Motor

C. Transformer ☐

D. Refrigerator

Q5 **INCORRECT** Which is the example for dynamically induced Emf?

A. Motor ☐

B. Generator ☐

C. Car

D. Motor bike

Q6 **INCORRECT** What is the specific gravity of the solid, if density of the solid is  $19.5 \text{ g/cm}^3$ ?

A. 8

B. 18.5

C. 19 ☐

D. 19.5 ☐

**Q7** **INCORRECT** What is the mass in gram, if a force of 15 dyres 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 ☐

**Q8** **INCORRECT** What is the weight force of a car has a mass of 800 kg?(Take  $g = 9.81 \text{ m/sec}$ )

A. 7848 Newton ☐

B. 7748 Newton ☐

C. 7847 Newton

D. 7487 Newton

**Q9** **INCORRECT** What is the carbon percentage in high carbon steel?

A. 0.02% to 0.03%

B. 0.15% to 0.25%

C. 0.25% to 0.50% ☐

D. 0.50% to 1.50% ☐

**Q10** **INCORRECT** What is the cross sectional area of a circular ring of  $D = 38 \text{ mm}$   $d = 32 \text{ mm}$ ?

A.  $320 \text{ mm}^2$

B.  $330 \text{ mm}^2$  ☐

C.  $340 \text{ mm}^2$  ☐

D.  $350 \text{ mm}^2$

Q11 **INCORRECT** Find the total surface area of cube whose side is 25 cm.

A.  $3740 \text{ cm}^2$

B.  $3745 \text{ cm}^2$

C.  $3750 \text{ cm}^2$  ☐

D.  $3755 \text{ cm}^2$  ☐

Q12 **INCORRECT** What is the capacity of a conical tank of radius 2 m and height 5m?

A.  $11 \text{ m}^3$

B.  $21 \text{ m}^3$  ☐

C.  $31 \text{ m}^3$

D.  $41 \text{ m}^3$  ☐

Q13 **INCORRECT** What is the acceleration of a car if the speed of the car has increased from 25 km per hour to 40 km per hour in one minute?

A.  $0.059 \text{ m/sec}^2$

B.  $0.59 \text{ m/sec}^2$

C.  $0.069 \text{ m/sec}^2$  ☐

D.  $0.69 \text{ m/sec}^2$  ☐

Q14 **INCORRECT** What maximum height a stone will reach if it is thrown upwards with a velocity of  $20 \text{ m/sec}$ ? ( $g = 10 \text{ m/sec}^2$ )

A. 10 m

B. 20 m ☐

C. 30 m ☐

D. 40 m

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** What is the formula for potential energy?

A.  $mgh$  joule ☐

B.  $mgh^2$  joule

C.  $\frac{1}{2} mgh$  joule ☐

D.  $\frac{2}{3} mgh$  joule

Q17 **CORRECT** What is the ratio of 4 kg to 800 grams?

A. 05:01 ☐

B. 04:08

C. 08:04

D. 02:04

Q18 **CORRECT** What percentage of 80 is 20?

A. 0.8

B. 0.4

C. 0.25 ☐

D. 0.2

Q19 **INCORRECT** What is the square root of decimal number 550.37?

A. 21.26 ☐

B. 22.26

C. 22.46

D. 23.46 ☐

Q20 **CORRECT** What denotes letter M in MKS system?

A. Mile

B. Meter ☐

C. Millimeter

D. Micron

Q21 **CORRECT** What is the improper fraction for the given mixed fraction ?  $7 \frac{3}{7}$

A.  $(52/7)$  ☐

B. "7/52"

C. "28/7"

D. "7/28"

Q22 **CORRECT** Divide  $(20/31)/(15/62)$

A.  $2(4/3)$

B.  $2(1/3)$

C.  $2(3/2)$

D.  $2(2/3)$  ☐

Q23 **CORRECT** Simplify:  $(17.49 \times 5.2) / (6.5)$

A. 13.69

B. 13.79

C. 13.89

D. 13.99 ☒

Q24 **CORRECT** What is the square root of 529? | 529 ರ ವರ್ಗಮೂಲ ಯಾವುದು?

A. 13

B. 23 ☒

C. 33

D. 43

Q25 **CORRECT** What is called mass per unit volume of a substances? | ವಸ್ತುವಿನ ಪ್ರತಿ ಯೂನಿಟ್ ಪರಿಮಾಣದ ದ್ರವ್ಯರಾಶಿಗೆ ಏನು ಎಂದು ಕರೆಯಲಾಗುತ್ತದೆ?

A. Mass | ದ್ರವ್ಯರಾಶಿ

B. Weight | ತೂಕ

C. Density | ಸಾಂದ್ರತೆ ☒

D. Volume | ಗಾತ್ರ