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

Q. ID: ITISKILL12287P

July 2026 | **GOVT.ITI,H.D. KOTE** | Question Paper

Duration: 60 Mins | **Total Marks: 25** | **ID: ITISKILL12287P**

Student Name: _____ Roll No: _____

1. What is the voltage?
 R = 250 Ohms
 I = 0.44 Amps
 V = _____Volts

A) 105 Volts
B) 108 Volts
C) 110 Volts
D) 100 Volts

2. Simplify: (17.49x5.2)/(6.5)

A) 13.69
B) 13.79
C) 13.89
D) 13.99

3. Which is mineral insulator

A) Quartz
B) Porcelain
C) Mica
D) Glass

4. What is the cross sectional area of a circular ring of D = 38 mm d = 32mm?

A) 320 mm²
B) 350 mm²
C) 340 mm²
D) 330 mm²

5. What is the weight force of a car has a mass of 800 kg?(Take g = 9.81m/sec)

A) 7748 Newton
B) 7487 Newton
C) 7848 Newton
D) 7847 Newton

6. Which is the example for dynamicallly induced Emf?

A) Motor bike
B) Car
C) Motor
D) Generator

7. What percentage of 80 is 20?

A) 0.25
B) 0.4
C) 0.2
D) 0.8

8. What denotes letter M in MKS system?

A) Meter
B) Mile
C) Micron
D) Millimeter

9. What is the square root of 529? | 529 ರ ವರ್ಗಮೂಲ ಯಾವುದು?

A) 43
B) 23
C) 13
D) 33

10. 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) 1 dyne
C) 10 dynes
D) 10 Joules

11. 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

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

A) Volume | ಗಾತ್ರ
B) Density | ಸಾಂದ್ರತೆ
C) Mass | ದ್ರವ್ಯರಾಶಿ
D) Weight | ತೂಕ

13. Divide (20/31)/(15/62)

A) 2(1/3)
B) 2(2/3)
C) 2(3/2)
D) 2(4/3)

14. What is the formula for potential energy?

A) 1/2 mgh joule
B) mgh² joule
C) 2/3 mgh joule
D) mgh joule

15. What is the ratio of 4 kg to 800 grams?

A) 05:01
B) 08:04
C) 02:04
D) 04:08

16. What does EMF stands for?

A) Electro Motive Force
B) Electromated Force
C) Electronic Magnetic Force
D) Electro Magnetic Force

17. What is the improper fraction for the given mixed fraction ? 7 x (3/7)

A) "7/28"
B) "7/52"
C) (52/7)
D) "28/7"

18. What is the capacity of a conical tank of radius 2 m and height 5m?

A) 11 m³ B) 21 m³
C) 41 m³ D) 31 m³

19. Find the total surface area of cube whose side is 25 cm.

A) 3750 cm² B) 3740 cm²
C) 3745 cm² D) 3755 cm²

20. Which is the example for statically induced emf?

A) Generator B) Refrigerator
C) Transformer D) Motor

21. 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) 6 grams B) 7 grams
C) 9 grams D) 8 grams

22. 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) 0.069 m/sec² B) 0.059 m/sec²
C) 0.59 m/sec² D) 0.69 m/sec²

23. What is the square root of decimal number 550.37?

A) 22.26 B) 23.46
C) 22.46 D) 21.26

24. What is the carbon percentage in high carbon steel?

A) 0.50% to 1.50% B) 0.02% to 0.03%
C) 0.25% to 0.50% D) 0.15% to 0.25%

25. 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) 30 m
C) 20 m D) 40 m