

Monthly Test December 2025

Q. ID: ITISKILL85102T

December 2025

Govt iti vittal

Answer Key

Duration: 25 Mins

Total Marks: 25

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1. What is the S.I unit of heat?

- A) Calorie
B) Joule
C) British thermal unit
D) Centigrade heat unit

Answer: B) Joule

2. Using Internet is easy if we learn ____?.

- A) English
B) Maths
C) Science
D) Sports

Answer: A) English

3. Naming words are also called ___?.

- A) Nouns
B) Verbs
C) Action
D) Pronouns

Answer: A) Nouns

4. What is the maximum temperature that can be measured by mercury thermometer?

- A) 400 Degree C
B) 100 Degree C
C) 200 Degree C
D) 300 Degree C

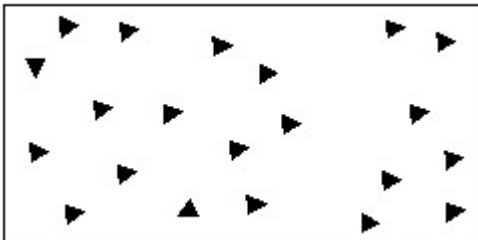
Answer: D) 300 Degree C

5. What is the result of hysteresis loss in magnetic material?

- A) Magnetic flux increases
B) Eddy current decreases
C) Energy loss takes place
D) Back emf increases

Answer: C) Energy loss takes place

6. Identify the conventional symbol of material? | ವಸ್ತುವಿನ ಕನ್ವೆಷನಲ್ ಚಿಹ್ನೆಯನ್ನು ಗುರುತಿಸಿ?



- A) Glass | ಗಾಜು
B) Concrete | ಕಾಂಕ್ರೀಟ್
C) Steel | ಸ್ಟೀಲ್
D) Wood | ಮರ

Answer: B) Concrete | ಕಾಂಕ್ರೀಟ್

7. Which meter is used to find the exact resistance value of resistors?

- A) Volt meter
B) Ohm meter
C) Ammeter
D) Watt meter

Answer: B) Ohm meter

8. What is the purpose of trimmer capacitor?

- A) Coupling
B) Filtering
C) Fine tuning
D) Decoupling

Answer: C) Fine tuning

9. What is the unit of inductance?

- A) Watts
B) Henry
C) Joule
D) Farad

Answer: B) Henry

10. Find the total inductance value of two inductors 10H and 15H of connected in series.

- A) 25 H
B) 10 H
C) 15 H
D) 05 H

Answer: A) 25 H

11. What is the colour code for 100 Ohm resistor?

- A) Brown, black, brown
B) Brown, brown, brown
C) Brown, black, red
D) Black, brown, black

Answer: A) Brown, black, brown

12. What is the value for specific heat of water

- A) 3
B) 1
C) 4
D) 2

Answer: B) 1

13. Which instrument is used to measure heat?

- A) Calorie meter
B) Pyrometer
C) Barometer
D) Thermometer

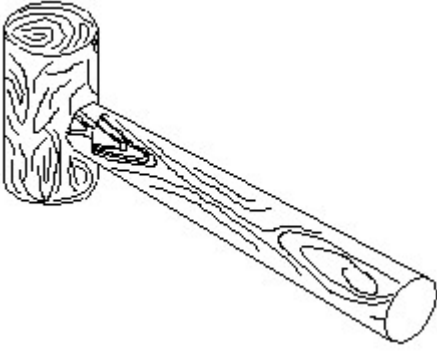
Answer: A) Calorie meter

14. Which value is equal to one picofarad?

- A) 10¹² Farad
B) 10⁻¹² Farad
C) 10⁻⁶ Farad
D) 10⁶ Farad

Answer: B) 10⁻¹² Farad

15. Identify the name of tool? | ಉಪಕರಣದ ಹೆಸರನ್ನು ಗುರುತಿಸುವುದೇ?



- A) Cross pein hammer | ಕ್ರಾಸ್ ಪೀನ್ ಸುತ್ತಿಗೆ
 B) Ball pein hammer | ಬಾಲ್ ಪೀನ್ ಸುತ್ತಿಗೆ
 C) Straight pein hammer | ಸ್ಟ್ರೈಟ್ ಪೀನ್ ಸುತ್ತಿಗೆ
 D) Mallet | ಮ್ಯಾಲೆಟ್
- Answer: D) Mallet | ಮ್ಯಾಲೆಟ್**

16. Which component opposes any change in current?

- A) Inductor
 B) Resistor
 C) Diode
 D) Capacitor
- Answer: A) Inductor**

17. How power rating is specified for transformers?

- A) Volt ampere (VA)
 B) Watts (W)
 C) Voltage (V)
 D) Horse power (HP)
- Answer: A) Volt ampere (VA)**

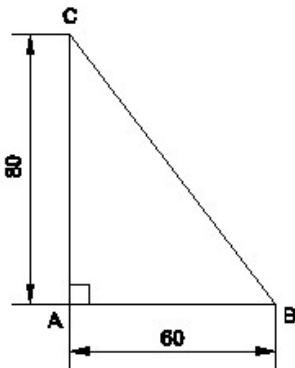
18. English is a ____ language.

- A) Common
 B) Night
 C) Evening
 D) Day
- Answer: A) Common**

19. Ram was asked to measure his cupboard. It was 4 feet tall. Here feet means ____.

- A) Taste
 B) Hand
 C) Measurement
 D) Leg
- Answer: C) Measurement**

20. Identify the name of the triangle? | ತ್ರಿಕೋನದ ಹೆಸರನ್ನು ಗುರುತಿಸುವುದೇ?



- A) Equilateral triangle | ಸಮಕೋನ ತ್ರಿಕೋನ
 B) Scalene triangle | ಸ್ಕೇಲಿನ್ ತ್ರಿಕೋನ

- C) Right angle triangle | ಬಲ ಕೋನ ತ್ರಿಕೋನ
 D) Isosceles triangle | ಸಮದ್ವಿಬಾಹು ತ್ರಿಕೋನ

Answer: C) Right angle triangle | ಬಲ ಕೋನ ತ್ರಿಕೋನ

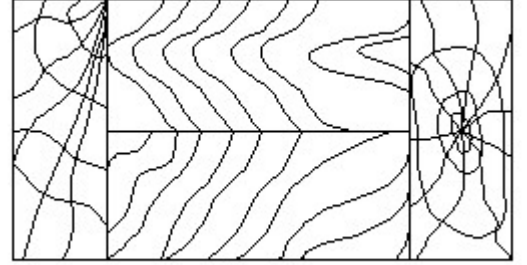
21. What is the boiling point of water in fahrenheit scale?

- A) 100 Degree F
 B) 212 Degree F
 C) 112 Degree F
 D) 180 Degree F
- Answer: B) 212 Degree F**

22. Cats is an example of ____ word.

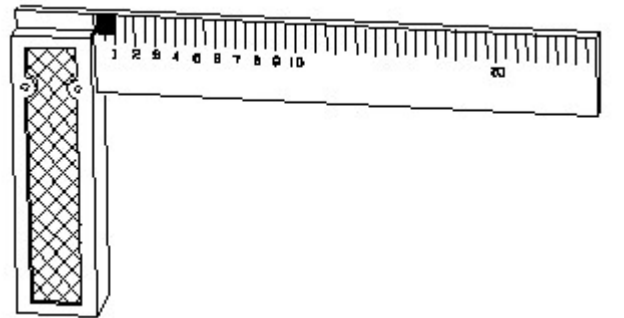
- A) Opposite
 B) Words
 C) Plural
 D) Singular
- Answer: C) Plural**

23. Identify the conventional symbol of material? | ವಸ್ತುವಿನ ಕನ್ವೆಷನಲ್ ಚಿಹ್ನೆಯನ್ನು ಗುರುತಿಸಿ?



- A) Wood | ಮರ
 B) Paper | ಪೇಪರ್
 C) Lead | ಲೀಡ್
 D) Glass | ಗಾಜು
- Answer: A) Wood | ಮರ**

24. 1). Identify the name of tool? | ಉಪಕರಣದ ಹೆಸರನ್ನು ಗುರುತಿಸುವುದೇ?



- A) Steel rule | ಸ್ಟೀಲ್ ರೂಲ್
 B) Try square | ಟ್ರೈ ಸ್ಕ್ವೇರ್
 C) Surface gauge | ಮೇಲ್ಮೈ ಮಾಪಕ
 D) Feeler gauge | ಫೀಲರ್ ಗೇಜ್
- Answer: B) Try square | ಟ್ರೈ ಸ್ಕ್ವೇರ್**

25. Which unit is used to measure capacitance value?

- A) Farad
 B) Henry
 C) Mho
 D) Ohm
- Answer: A) Farad**