

Monthly Test December 2025

Q. ID: ITISKILL85102T

December 2025

Govt iti vittal

Question Paper

Duration: 25 Mins

Total Marks: 25

ID: ITISKILL85102T

Student Name: _____ Roll No: _____

1. What is the purpose of trimmer capacitor?

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

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

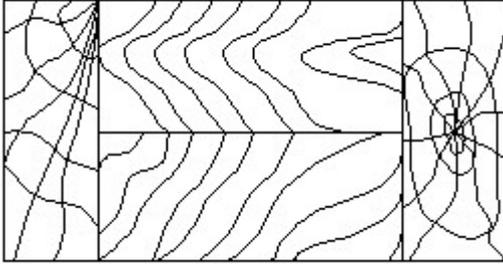
2. English is a _____ language.

- A) Evening
B) Day
C) Night
D) Common

3. Which instrument is used to measure heat?

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

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



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

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

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

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

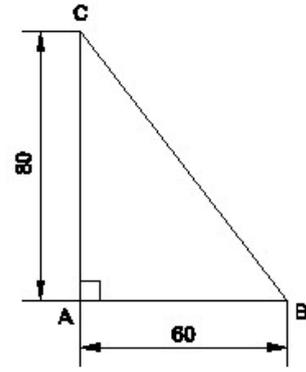
- A) 212 Degree F
B) 112 Degree F
C) 180 Degree F
D) 100 Degree F

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

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

8. How power rating is specified for transformers?

9. 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 | ಸಮದ್ವಿಭಾಜು ತ್ರಿಕೋನ

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

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

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

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

12. Naming words are also called ____?

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

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

- A) Measurement
B) Taste
C) Hand
D) Leg

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

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

15. What is the value for specific heat of water

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

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

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

17. Which component opposes any change in current?

- A) Inductor
C) Resistor
- B) Diode
D) Capacitor

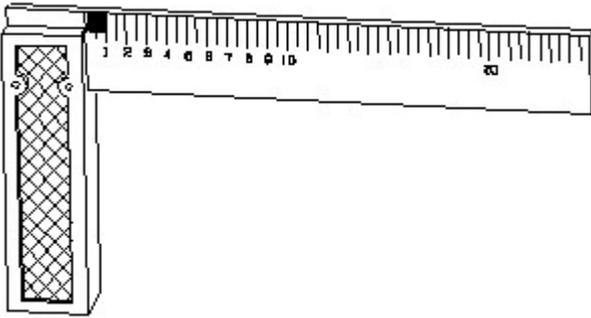
18. Cats is an example of ____word.

- A) Opposite
C) Words
- B) Singular
D) Plural

19. What is the unit of inductance?

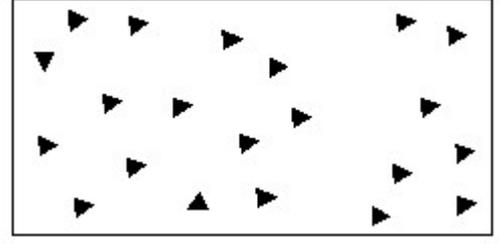
- A) Joule
C) Farad
- B) Watts
D) Henry

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



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

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

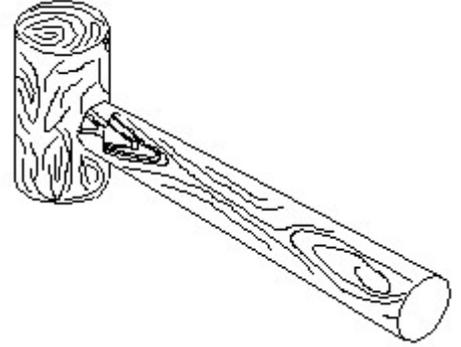


- A) Glass | ಗಾಜು
C) Concrete | ಕಾಂಕ್ರೀಟ್
- B) Steel | ಸ್ಟೀಲ್
D) Wood | ಮರ

22. Which value is equal to one picofarad?

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

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



- A) Cross peen hammer | ಕ್ರಾಸ್ ಪೀನ್ ಸುತ್ತಿಗೆ
C) Ball peen hammer | ಬಾಲ್ ಪೆನ್ ಸುತ್ತಿಗೆ
- B) Straight peen hammer | ಸ್ಟ್ರೈಟ್ ಪೆನ್ ಸುತ್ತಿಗೆ
D) Mallet | ಮ್ಯಾಲೆಟ್

24. Which unit is used to measure capacitance value?

- A) Mho
C) Ohm
- B) Henry
D) Farad

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

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