

September 2026

TRADE:ELECTRONICS MECHANIC

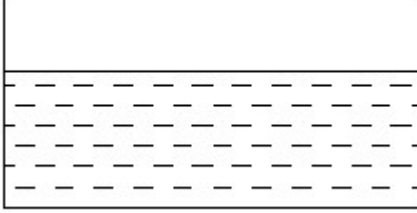
Answer Key

Duration: 60 Mins

Total Marks: 25

Q.ID: ITISKILL4053DG

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



- A) Asbestos | ಆಸ್ಟೆಸ್ಟೋಸ್ B) Concrete | ಕಾಂಕ್ರೀಟ್
C) Glass | ಗಾಜು D) Water | ನೀರು

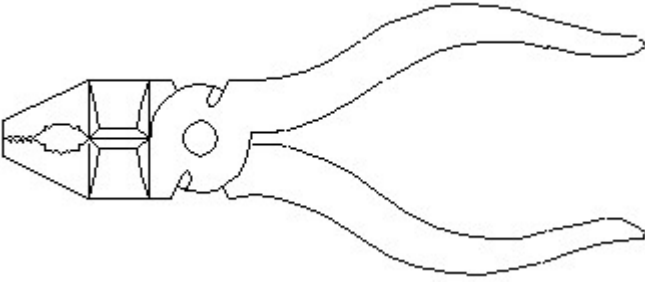
Answer: D) Water | ನೀರು

2. Which electrical parameter is measured by the megger?

- A) Frequency B) Current
C) Voltage D) Insulation resistance

Answer: D) Insulation resistance

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



- A) Hawk-billed shear | ಹಾಕ್-ಬಿಲ್ಡ್ ಸ್ಕಿಯರ್ B) Aviation shear | ಏವಿಯೇಷನ್ ಸ್ಕಿಯರ್
C) Double cutting shear | ಡಬಲ್ ಕಟಿಂಗ್ ಸ್ಕಿಯರ್ D) Cutting plier | ಕಟಿಂಗ್ ಪ್ಲಿಯರ್

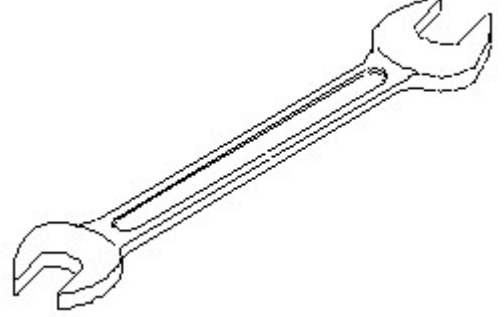
Answer: D) Cutting plier | ಕಟಿಂಗ್ ಪ್ಲಿಯರ್

4. What is the purpose of standard wire gauge (SWG)?

- A) Measure voltage B) Measure insulation of wire
C) Measure diameter of wire D) Measure current

Answer: C) Measure diameter of wire

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



- A) Adjustable spanner | ಹೊಂದಿಸಬಹುದಾದ ಸ್ಪಾನ್ನರ್ B) Open end spanner | ಓಪನ್ ಎಂಡ್ ಸ್ಪಾನ್ನರ್
C) Combination spanner | ಕಾಂಬಿನೇಷನ್ ಸ್ಪಾನ್ನರ್ D) Ring spanner | ರಿಂಗ್ ಸ್ಪಾನ್ನರ್

Answer: B) Open end spanner | ಓಪನ್ ಎಂಡ್ ಸ್ಪಾನ್ನರ್

6. What is the unit of electric charge?

- A) Coulomb B) Hertz
C) Volts D) Ampere

Answer: A) Coulomb

7. What is the reason for electric fire?

- A) Open circuit B) Overloading
C) Deviation D) Proper earthing

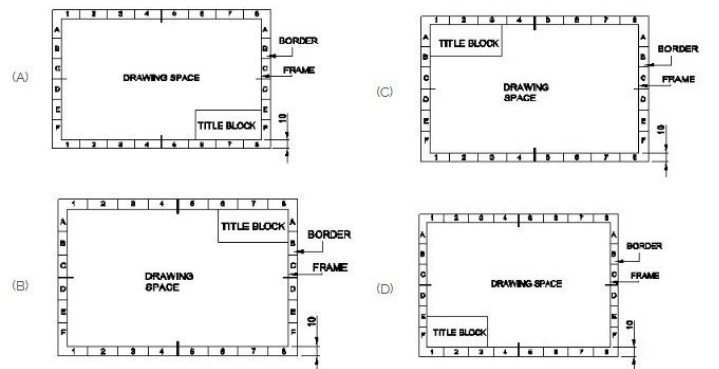
Answer: B) Overloading

8. Which is the unit of current?

- A) Ampere B) Watt
C) Volt D) Ohm

Answer: A) Ampere

9. Which title block position is correct as standard practice? | ಪ್ರಮಾಣಿತ ಅಭ್ಯಾಸದಂತೆ ಯಾವ ಶೀರ್ಷಿಕೆ ಬ್ಲಾಕ್ ಸ್ಥಾನವು ಸರಿಯಾಗಿದೆ?



A) D

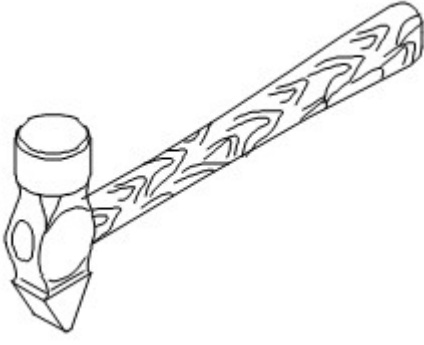
B) A

C) B

D) C

Answer: B) A

10. What is the name of hammer?



A) Ball pein hammer

B) Claw hammer

C) Cross pein hammer

D) Straight pein hammer

Answer: C) Cross pein hammer

11. Which materials are used for semiconductor?

A) Gallium and indium

B) Silver and aluminium

C) Arsenic and antimony

D) Silicon and germanium

Answer: D) Silicon and germanium

12. Which electrical parameter opposes the flow of electrons?

A) Resistance

B) Current

C) Power

D) Voltage

Answer: A) Resistance

13. Which material conducts electricity?

A) Mica

B) Paper

C) Glass

D) Copper

Answer: D) Copper

14. What is the first step to rescue the person in electrical contact?

A) Call the doctor

B) Break the contact

C) Switch OFF power supply

D) Pull the person from electrical contact

Answer: C) Switch OFF power supply

15. Which is the unit of resistance?

A) Ampere

B) Watt

C) Ohm

D) Volt

Answer: C) Ohm

16. Which is the unit of current? | ಪ್ರವಾಹದ ಮೂಲಮಾನ ಯಾವುದು?

A) Watt | ವ್ಯಾಟ್

B) Volt | ವೋಲ್ಟ್

C) Ohm | ಓಂ

D) Ampere | ಆಂಪಿಯರ್

Answer: D) Ampere | ಆಂಪಿಯರ್

17. How the single strand wire is called?

A) Flexible wire

B) Twisted wire

C) Hook up wire

D) Multi strand wire

Answer: C) Hook up wire

18. Which material is used as electrical insulator?

A) Gallium

B) Germanium

C) Porcelain

D) Aluminium

Answer: C) Porcelain

19. Which tool is used for the simplest method of skinning wires?

A) Manual wire stripper

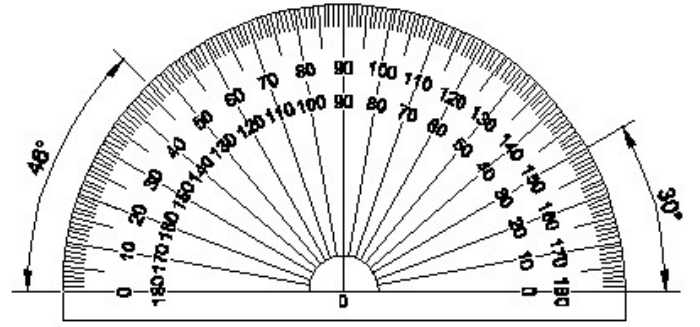
B) Mechanical wire stripper

C) Electrician's knife

D) Thermal wire stripper

Answer: C) Electrician's knife

20. Identify the name of instrument? | ಉಪಕರಣದ ಹೆಸರನ್ನು ಗುರುತಿಸುವುದೇ?



A) Set square | ಸೆಟ್ ಸ್ವೇರ್

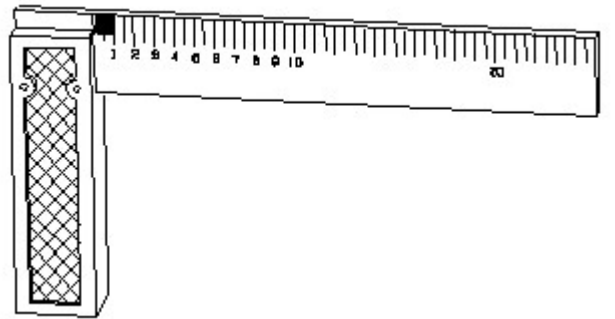
B) Protractor | ಪ್ರೊಟ್ರಾಕ್ಟರ್

C) T square | ಟಿ ಸ್ವೇರ್

D) French curve | ಫ್ರೆಂಚ್ ಕರ್ವ್

Answer: B) Protractor | ಪ್ರೊಟ್ರಾಕ್ಟರ್

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



A) Try square | ಟ್ರೈ ಸ್ವೇರ್

B) Surface gauge | ಮೇಲ್ಮೈ ಮಾಪಕ

C) Steel rule | ಸ್ಟೀಲ್ ರೂಲ್

D) Feeler gauge | ಫೀಲರ್ ಗೇಜ್

Answer: A) Try square | ಟ್ರೈ ಸ್ವೇರ್

22. Which property of a substance is opposing the flow of electric current?

A) Resistance

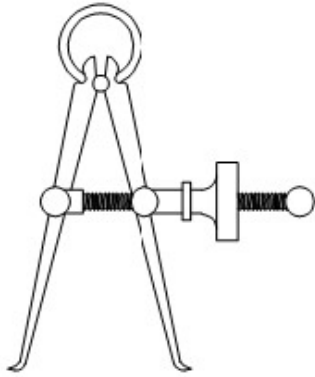
B) EMF

C) Voltage

D) Current

Answer: A) Resistance

23. Identify the name of measuring tool



A) Inside caliper

B) Outside caliper

C) Scriber

D) Divider

Answer: A) Inside caliper

24. What is the shape of standard wire gauge?

A) Cylindrical glass disk

B) Circular metal disk

C) Rectangular plastic disk

D) Square metal disk

Answer: B) Circular metal disk

25. Which tool is used to measure the size of wire?

A) Try square

B) Steel rule

C) Standard wire gauge

D) Feeler gauge

Answer: C) Standard wire gauge
