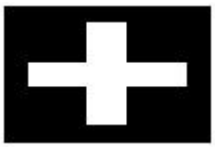
Student: Bhaskar
Score: 13/20 (65.00%)

Code: 1125

1. What is the name of the safety sign as shown in the figure? | ಚಿತ್ರದಲ್ಲಿ ತೋರಿಸಿರುವಂತೆ ಸುರಕ್ಷತಾ ಚಿಹ್ನೆಯ ಹೆಸರೇನು?



A) Warning sign | ಎಚ್ಚರಿಕೆ ಸಂಕೇತ (Incorrect)

B) Mandatory sign | ಕಡ್ಡಾಯ ಚಿಹ್ನೆ

C) Prohibition sign | ನಿಷೇಧ ಚಿಹ್ನೆ

D) Information sign | ಮಾಹಿತಿ ಚಿಹ್ನೆ

2. Which type of occupational health hazard is cause for infection due to bacteria? | ಯಾವ ರೀತಿಯ ಔದ್ಯೋಗಿಕ ಆರೋಗ್ಯದ ಅಪಾಯವು ಬ್ಯಾಕ್ಟೀರಿಯಾದ ಸೋಂಕಿನಿಂದ ಉಂಟಾಗುತ್ತದೆ?

A) Electrical hazard | ವಿದ್ಯುತ್ ಅಪಾಯ

B) Biological hazard | ಜೈವಿಕ ಅಪಾಯ

C) Physiological hazard | ದೈಹಿಕ ಅಪಾಯ

D) Psychological hazard | ಮಾನಸಿಕ ಅಪಾಯ (Incorrect)

3. What is the back ground colour of the warning signs in the safety sign category? | ಸುರಕ್ಷತಾ ಚಿಹ್ನೆಯ ವರ್ಗದಲ್ಲಿರುವ ಎಚ್ಚರಿಕೆ ಚಿಹ್ನೆಗಳ ಹಿಂದಿನ ನೆಲದ ಬಣ್ಣ ಯಾವುದು?

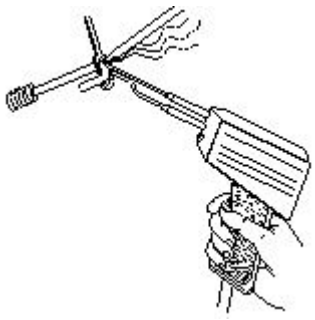
A) Blue | ನೀಲಿ (Incorrect)

B) White | ಬಿಳಿ

C) Yellow | ಹಳದಿ

D) Green | ಹಸಿರು

4. What is the name of the soldering method as shown in the figure? | ಚಿತ್ರದಲ್ಲಿ ತೋರಿಸಿರುವಂತೆ ಬೆಸುಗೆ ಹಾಕುವ ವಿಧಾನದ ಹೆಸರೇನು?



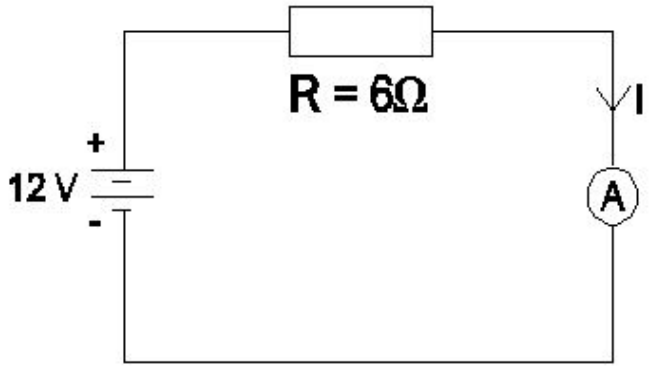
A) Dip soldering | ಬೆಸುಗೆ ಬೆರೆಸುವುದು

B) Soldering iron | ಬೆಸುಗೆ ಹಾಕುವ ಕಬ್ಬಿಣ

C) Soldering gun | ಬೆಸುಗೆ ಹಾಕುವ ಗನ್ (Correct)

D) Soldering with flame | ಜ್ವಾಲೆಯೊಂದಿಗೆ ಬೆಸುಗೆ ಹಾಕುವುದು

5. What is the value of current (I) flowing through the circuit? | ಸರ್ಕ್ಯೂಟ್ ಮೂಲಕ ಹರಿಯುವ ಕರೆಂಟ್ (I) ಮೌಲ್ಯ ಏನು?



A) 6 A (Incorrect)

B) 3 A

C) 2 A

D) 1 A

6. What is the unit of electric charge? | ವಿದ್ಯುದಾವೇಶದ ಘಟಕ ಎಂದರೇನು?

A) Volt

B) Watt

C) Ampere

D) Coulomb (Correct)

7. Which parameter is measured by a multimeter?

A) Voltage

B) Energy

C) Frequency

D) Time duration (Incorrect)

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

A) Brown, black, red

B) Black, brown, black

C) Brown, black, brown (Correct)

D) Brown, brown, brown

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

A) Ammeter

B) Volt meter

C) Ohm meter (Correct)

D) Watt meter

10. Find the total resistance value of 10 ohms and 20 ohms connected in parallel.

A) 6.666 Ohms (Correct)

B) 66.66 Ohms

C) 666.6 Ohms

D) 6666 Ohms

11. What is the unit of electric charge?

A) Volts

B) Hertz

C) Ampere

D) Coulomb (Correct)

12. Which electrical property opposes the flow of electrons?

A) Power

B) Voltage

C) Current **D) Resistance (Correct)**

13. Which formula is used to find the conductance?

A) Q / V B) I x R (Incorrect)
C) V / I **D) I / V**

14. What is the unit of electric charge?

A) Volts B) Hertz
C) Ampere **D) Coulomb (Correct)**

15. What is the name of instrument used to measure electrical quantities?

A) Meter (Correct) B) Tester
C) Micrometer D) Vernier Caliper

16. Which meter uses a moving coil for measurement?

A) LCR meter **B) PMMC meter (Correct)**
C) MI repulsion type D) MI attraction type

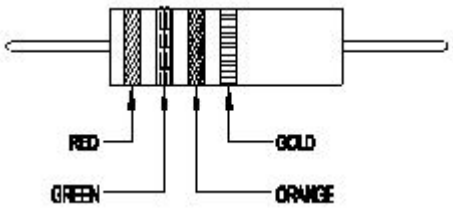
17. What is the advantage of using digital multimeter?

A) Accuracy (Correct) B) Linear scale
C) Non-Linear scale D) Logarithmic scale

18. Which is used for continuity checking?

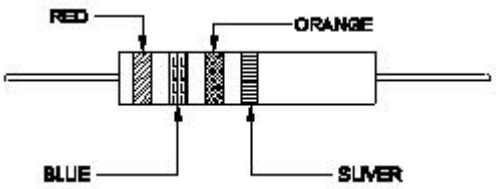
A) Ohm meter (Incorrect) B) Ammeter
C) Volt meter **D) Multi meter**

19. Calculate the value of resistance by colour coding method. | ಬಣ್ಣದ ಕೋಡಿಂಗ್ ವಿಧಾನದಿಂದ ಪ್ರತಿರೋಧದ ಮೌಲ್ಯವನ್ನು ಲೆಕ್ಕಾಚಾರ ಮಾಡಿ.



A) 22 x 10^3 ± 10% B) 23 x 10□ ± 10%
C) 25 x 10^3 ± 5% (Correct) D) 36 x 10□ ± 5%

20. Calculate the resistance value of the resistor by colour coding method. | ಬಣ್ಣ ಕೋಡಿಂಗ್ ವಿಧಾನದಿಂದ ಪ್ರತಿರೋಧಕದ ಪ್ರತಿರೋಧ ಮೌಲ್ಯವನ್ನು ಲೆಕ್ಕಾಚಾರ ಮಾಡಿ.



A) 23 x 10^3 Ω ± 5% **B) 26 x 10^3 Ω ± 10% (Correct)**
C) 32 x 10□ Ω ± 10% D) 37 x 10□ Ω ± 5%