

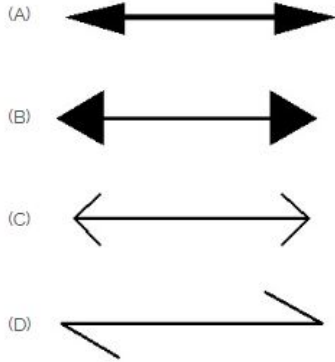
Student Name: _____

Roll No: _____

1. People who are born in one sex, but they know that they belong to another sex are_____?

- A) Stereotypical
B) Transpersons
C) Females
D) Males

2. Which arrow head is correct as per standard? | ಮಾನದಂಡದ ಪ್ರಕಾರ ಯಾವ ಬಾಣದ ಹೆಡ್ ಸರಿಯಾಗಿದೆ?

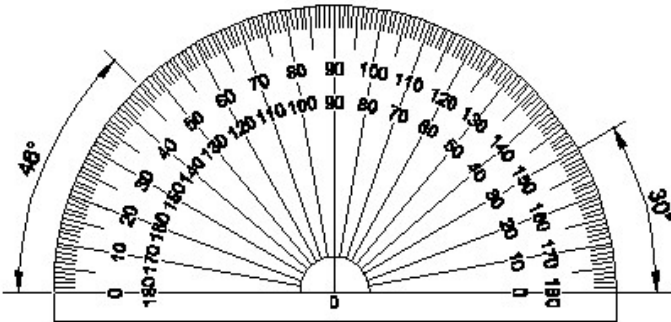


- A) A
B) C
C) D
D) B

3. A diverse workplace increases _____.

- A) Stress
B) Productivity
C) Tension
D) Workload

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



- A) Set square | ಸೆಟ್ ಸ್ಕ್ವೇರ್
B) T square | ಟಿ ಸ್ಕ್ವೇರ್
C) Protractor | ಪ್ರೊಟ್ರಾಕ್ಟರ್
D) French curve | ಫ್ರೆಂಚ್ ಕರ್ವ್

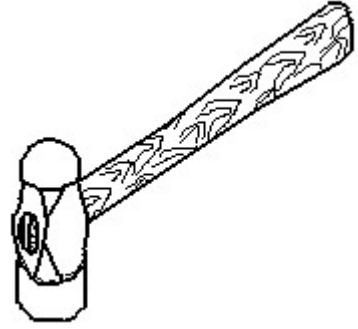
5. What is the package type for BF 245B?

- A) TO-72
B) TO-92
C) TO-102
D) TO-82

6. What is the code number of TRIAC?

- A) BFW10
B) BT136
C) 2N1597
D) 2N2646

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



- A) Sledge hammer | ಸ್ಲೆಡ್ ಹ್ಯಾಮರ್
B) Straight peen hammer | ನೇರ ಪೆನ್ ಸುತ್ತಿಗೆ
C) Ball peen hammer | ಬಾಲ್ ಪೆನ್ ಸುತ್ತಿಗೆ
D) Cross peen hammer | ಕ್ರಾಸ್ ಪೀನ್ ಸುತ್ತಿಗೆ

8. Which is equal to electric power?

- A) $I ² R$ watts
B) IR
C) $R ² I$ watts
D) RI

9. What is the common and popular application of U.J.T?

- A) Voltage regulator
B) Relaxation oscillator
C) Multivibrator
D) Motor speed controller

10. Identify the name of set square? | ಸೆಟ್ ಚೌಕದ ಹೆಸರನ್ನು ಗುರುತಿಸುವುದೇ?



- A) 45° set square | 45° ಸೆಟ್ ಸ್ಕ್ವೇರ್
B) 60° set square | 60° ಸೆಟ್ ಸ್ಕ್ವೇರ್
C) 15° set square | 15° ಸೆಟ್ ಸ್ಕ್ವೇರ್
D) 30° set square | 30° ಸೆಟ್ ಸ್ಕ್ವೇರ್

11. How gate is biased in JFET?

- A) AC supply function
B) Forward biased
C) Reverse biased
D) Dual supply function

12. Which is the unit electrical power?

- A) Ohms
- B) Volts
- C) Watts
- D) Ampere

13. Which device is a unipolar transistor?

- A) UJT
- B) IGBT
- C) FET
- D) BJT

14. Which is the example for statically induced emf?

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

15. Which is very good conductor?

- A) Wrought iron
- B) Copper
- C) Cast iron
- D) Steel

16. What is the switching speed of solid state relays?

- A) 10 to 60 nano seconds
- B) 1 to 100 milli seconds
- C) 1 to 100 nano seconds
- D) 1 to 25 nano seconds

17. Compass used to draw for____. | ಕಂಪಾಸ್ ಅನ್ನು____ ಗೆ ಸೆಳೆಯಲು ಬಳಸಲಾಗುತ್ತದೆ.

- A) triangle | ತ್ರಿಕೋನ
- B) circle | ವೃತ್ತ
- C) rectangle | ಆಯಾತ
- D) square | ಚದರ

18. What is the term stands for TRIAC?

- A) Triode AC semiconductor
- B) Triode Access console
- C) Triode DC semiconductor
- D) Triode Alternate control

19. What is the full form of the abbreviation MOSFET?

- A) Minimum output signal FET
- B) Medium oscillator signal FET
- C) Metal organic serial FET
- D) Metal oxide semiconductor FET

20. What is the input impedance of IGBT?

- A) Medium input impedance
- B) High input impedance
- C) Infinity input impedance
- D) Low input impedance

21. ____ is a belief/idea which may not be true.

- A) Sex
- B) Feminine
- C) Stereotype
- D) Gender

22. Which statement is correct according to ohm's law?

- A) $I = R$
- B) $I = 1/V$
- C) $I = V/R$
- D) $I = R/V$

23. Equality means in the same situation, people have the_____.

- A) Same age
- B) Same color
- C) Same rights
- D) Same height

24. Neena is born as a differently-abled person. Her teachers must treat her _____.

- A) Unfairly
- B) Rudely
- C) Equally with care
- D) Strictly

25. Which is the N - channel FET?

- A) AC supply connected to drain termin
- B) Main current flows through P-doped material
- C) Main current flows through N-doped material
- D) S-terminal connected to positive