

March 2026

Question Paper

Duration: 60 Mins

Total Marks: 25

ID: ITISKILL0751XG

Student Name: \_\_\_\_\_

Roll No: \_\_\_\_\_

1. Which material is used for negative terminal of alkaline manganese dioxide batteries?

- A) Lithium B) Cadmium  
C) Zinc D) Nickel hydroxide

2. Cats is an example of \_\_\_\_\_ word.

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

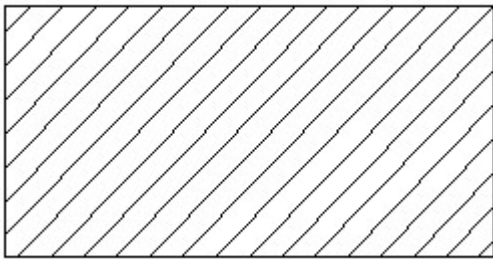
3. What is the density of aluminium?

- A) 3.7 g/cm<sup>3</sup> B) 5.7 g/cm<sup>3</sup>  
C) 4.7 g/cm<sup>3</sup> D) 2.7 g/cm<sup>3</sup>

4. Which energy is converted by the battery to produce electricity?

- A) Chemical energy into electrical energy  
B) Electrical energy into mechanical energy  
C) Mechanical energy into electrical energy  
D) Electrical energy into light energy

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



- A) Porcelain | ಪಿಂಗಾಣಿ B) Lead | ಲೀಡ್  
C) Glass | ಗಾಜು D) Steel | ಸ್ಟೀಲ್

6. What is the rated output voltage of a silver oxide cell?

- A) 2.5 VDC B) 4.0 VDC  
C) 1.5 VDC D) 1.0 VDC

7. Which property of metal has its power of returning to its original shape after the applied force is released?

- A) Plasticity B) Malleability  
C) Elasticity D) Tenacity

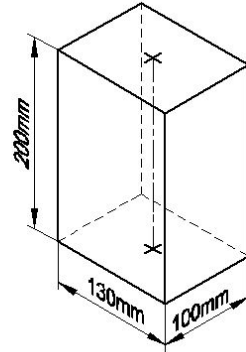
8. Verbs tell the action of the \_\_\_\_.

- A) Cow B) Naming words  
C) Change D) Act

9. What is the trimmed size of A4 sheet? | A4 ಹಾಳೆಯ ಟ್ರಿಮ್ ಮಾಡಿದ ಗಾತ್ರ ಎಷ್ಟು?

- A) 594 x 841 B) 148 x 210  
C) 841 x 1189 D) 210 x 297

10. Identify the name of prism? | ಪ್ರಿಸ್ಮ್ ಹೆಸರನ್ನು ಗುರುತಿಸುವುದೇ?



- A) Triangular prism | ತ್ರಿಕೋನ ಪ್ರಿಸ್ಮ್ B) Hexagonal prism | ಷಡ್ಭುಜೀಯ ಪ್ರಿಸ್ಮ್  
C) Square prism | ಚದರ ಪ್ರಿಸ್ಮ್ D) Rectangle prism | ಆಯತ ಪ್ರಿಸ್ಮ್

11. What is the lowest voltage level of discharging the lead-acid battery?

- A) 1.7 V B) 1.5 V  
C) 1.2 V D) 1.85 V

12. What is called mass per unit volume of a substances?

- A) Density B) Volume  
C) Mass D) Weight

13. Which alloy used in electric lamp as filament?

- A) Silicon B) Tungsten  
C) Vanadium D) Cobalt

14. Which device is used to test the fully charged condition of a lead acid battery cell?

- A) DC voltmeter B) Hydrometer  
C) High rate discharge tester D) Multimeter

15. What is the unit of electric charge?

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

16. Why the load testing is done on the lead-acid battery?

- A) Test I2R power loss in the battery cell B) Test the dimensional accuracy  
C) Verify the rated power delivery D) Measure the rated output voltage

17. Naming words are also called \_\_\_\_?

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

18. Compass used to draw for\_\_\_\_. | ಕಂಪಾಸ್ ಅನ್ನು\_\_\_\_ ಗೆ ಸೆಳೆಯಲು ಬಳಸಲಾಗುತ್ತದೆ.

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

19. Which one is non-metal?

- A) Graphite B) Brass  
C) Iron D) Mercury

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



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

21. What is the effect on a secondary cell supplying current to the load?

- A) Leaking B) Unloading  
C) Discharging D) Charging

22. Plural form of child is\_\_\_\_\_.

- A) Kid B) Children  
C) Person D) Infant

23. What is the name of the pair of metal strips used in battery cell?

- A) Cathode B) Electrolyte  
C) Carbon rod D) Electrodes

24. How batteries are classified based on their working?

- A) Dry cells and alkaline cells B) Primary cells and secondary cells  
C) Button cells and lithium cells D) Cylindrical cells and rectangular cells

25. Ramesh is working in Chennai. \_\_\_\_likes the office environment.

- A) He B) It  
C) What D) That