

Duration: 30 Mins

Total Marks: 19

Q.ID: ITISKILL2066CW

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

- A) Vernier Caliper B) Tester
C) Meter D) Micrometer

Answer: C) Meter

2. Which electrolyte is used in lead-acid battery?

- A) Zinc chloride B) Alkaline solution
C) Potassium hydroxide solution D) Sulphuric acid

Answer: D) Sulphuric acid

3. Which meter uses a moving coil for measurement?

- A) LCR meter B) MI attraction type
C) MI repulsion type D) PMMC meter

Answer: D) PMMC meter

4. What is the colour of positive electrode in fully charged lead acid battery?

- A) Spongy grey colour B) Grey colour
C) Reddish brown D) Red colour

Answer: C) Reddish brown

5. Which battery is used for cellular phones?

- A) Nickel ion B) Sodium sulphur
C) Zinc chloride D) Lithium ion

Answer: D) Lithium ion

6. What is the full form of the abbreviation SPDT used in switches?

- A) Single Pole Single Throw B) Shared Pole Double Throw
C) Single Phase Dual Throw D) Single Pole Double Throw

Answer: D) Single Pole Double Throw

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

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

Answer: D) 1.7 V

8. How the single stand wire is called?

- A) Wire pair B) Hook - up wire
C) Multistand wire D) Twisted wire

Answer: B) Hook - up wire

9. What is the advantage of using digital multimeter?

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

Answer: B) Accuracy

10. Which is example of semiconductor material?

- A) Gold B) Rubber
C) Germanium D) Copper

Answer: C) Germanium

11. Which one is having electrons?

- A) Nucleus B) Atom
C) Neutron D) Proton

Answer: B) Atom

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

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

Answer: A) High rate discharge tester

13. What is the full form of DPDT used in switches?

- A) Dual Phase Dual Throw B) Double Pole Double Throw
C) Double Pole Direct Throw D) Direct Pole Double Throw

Answer: B) Double Pole Double Throw

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

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

Answer: D) Chemical energy into electrical energy

15. Which material is used as electrical insulator?

- A) Aluminium B) Porcelain
C) Gallium D) Germanium

Answer: B) Porcelain

16. What is the rated voltage of a single cell in lead acid battery?

A) 1.5 V

B) 2.2 V

C) 2.0 V

D) 12 V

Answer: B) 2.2 V

17. What is the effect on the current flow with increased diameter of conductor?

A) More voltage dropped

B) Resistance increases

C) Opposes more current

D) Allows high current flow

Answer: D) Allows high current flow

18. Which is used for continuity checking?

A) Volt meter

B) Ohm meter

C) Ammeter

D) Multi meter

Answer: D) Multi meter

19. Which metal has very good conductivity to the electric current?

A) Silver

B) Gold

C) Copper

D) Aluminium

Answer: A) Silver
