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Score: 4/19 (21.05%)

Code: 3215

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

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

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

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

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

- A) Meter**  
 B) Tester  
 C) Micrometer (Incorrect)  
 D) Vernier Caliper

4. Which meter uses a moving coil for measurement?

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

5. What is the advantage of using digital multimeter?

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

6. Which material is used as electrical insulator?

- A) Gallium  
**B) Porcelain**  
 C) Aluminium (Incorrect)  
 D) Germanium

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

- A) Resistance increases (Incorrect)  
 B) Opposes more current  
 C) More voltage dropped  
**D) Allows high current flow**

8. How the single stand wire is called?

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

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

- A) Gold  
 B) Copper

**C) Silver**

D) Aluminium (Incorrect)

10. Which is used for continuity checking?

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

11. Which one is having electrons?

- A) Proton  
 B) Neutron  
**C) Atom**  
 D) Nucleus (Incorrect)

12. Which is example of semiconductor material?

- A) Copper  
**B) Germanium (Correct)**  
 C) Gold  
 D) Rubber

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

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

14. Which battery is used for cellular phones?

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

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

- A) 1.5 V  
 B) 2.0 V  
**C) 2.2 V**  
 D) 12 V (Incorrect)

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

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

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

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

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

A) 1.2 V (Incorrect)

B) 1.5 V

**C) 1.7 V**

D) 1.85 V

19. Which device is used to test the fully charged condition

of a lead acid battery cell?

A) Multimeter

B) Hydrometer

C) DC voltmeter

**D) High rate discharge tester (Correct)**