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Score: 15/19 (78.95%)

Code: 9005

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

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

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

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

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

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

4. Which meter uses a moving coil for measurement?

- A) LCR meter    **B) PMMC meter (Correct)**  
 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 (Correct)**  
 C) Aluminium    D) Germanium

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

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

8. How the single stand wire is called?

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

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

- A) Gold    B) Copper  
**C) Silver (Correct)**    D) Aluminium

10. Which is used for continuity checking?

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

11. Which one is having electrons?

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

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 (Correct)**  
 C) Alkaline solution    D) Potassium hydroxide solution

14. Which battery is used for cellular phones?

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

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

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

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

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

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

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

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

- A) 1.2 V    B) 1.5 V  
**C) 1.7 V**    D) 1.85 V (Incorrect)

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

A) Multimeter

B) Hydrometer (Incorrect)

C) DC voltmeter

**D) High rate discharge  
tester**

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