

Student: vinayak raval

Score: 17/19 (89.47%)

Code: 2903

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 (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 (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 (Correct) 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 (Incorrect)

C) DC voltmeter

**D) High rate discharge
tester**
