

**Duration: 30 Mins**

**Total Marks: 19**

**ID: ITISKILL2066CW**

Student Name: \_\_\_\_\_ Roll No: \_\_\_\_\_

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

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

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

- A) Gold      B) Aluminium  
C) Silver      D) Copper

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

- A) 2.0 V      B) 2.2 V  
C) 1.5 V      D) 12 V

**4.** Which one is having electrons?

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

**5.** Which material is used as electrical insulator?

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

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

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

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

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

**8.** How the single stand wire is called?

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

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

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

**10.** Which battery is used for cellular phones?

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

**11.** Which meter uses a moving coil for measurement?

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

**12.** Which is example of semiconductor material?

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

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

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

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

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

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

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

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

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

**17.** 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

C) Logarithmic scale

D) Linear scale

18. What is the advantage of using digital multimeter?

A) Non-Linear scale

B) Accuracy

19. Which is used for continuity checking?

A) Multi meter

B) Ammeter

C) Ohm meter

D) Volt meter