

Electrician

MCQ

Encircle the correct answers.

- The particles in the nucleus of an atom are:
(a) Electron and Proton (b) Electron and Neutron
(b) Proton and Neutron (d) Only Neutron
- The unit of electrical resistance is:
(a) Ampere (b) Volt
(c) Ohm (d) Watt
- According to Ohm's law:
(a) $V=IR$ (b) $V=I/R$
(c) $V=R/I$ (d) All of these
- The number of path for the flow of current in series circuit:
(a) Many (b) Two
(c) Four (d) One
- In parallel circuits:
(a) $I=I_1=I_2=I_3\dots\dots=I_n$ (b) $I=I_1+I_2+I_3\dots\dots+I_n$
(c) $I=I_1+I_2+I_3\dots\dots+I_n$ (d) All of these
- Two resistors of 4 and 6 ohms are connected in series, the total resistance is:
(a) 10 ohms (b) 6 ohms
(c) 4 ohms (d) 24 ohms
- Two resistances R_1 and R_2 are connected in parallel, the formula for the total resistance is:
(a) $R_T=R_1+R_2/R_1R_2$ (b) $R_T=R_1R_2/R_1+R_2$
(c) $R_T=R_1+R_2$ (d) $R_T=R_1R_2$
- Electrical unit of power is
(a) Watt (b) Ampere
(c) Volt (d) Ohm
- In D.C circuit $V.I$ is used to find
(a) Current (b) voltage
(c) Flux (d) Power
- Capacity to do the work is called
(a) Energy (b) Power
(c) Resistance (d) Capacitance

11. Trade unit of Electrical energy
 (a) KWH (b) WH
 (c) H.P (d) B.H.P
12. A potential difference of 20v is applied a resistor of 2.5 ohm. The power will be
 (a) 170 watts (b) 180 watts
 (c) 190 watts (d) 160 watts
13. 746 watts are equal to
 (a) 1 HP (b) 2 HP
 (c) 3 HP (d) 4 HP

Fill in blanks

14. Voltmeter is connected in _____ of load.
15. Ammeter is connected in _____ of load.
16. Energy meter measure the _____ consumed during the month by consumer.
17. The insulation of 1/0.044" PVC insulated cable is removed with _____.
18. The two way switch is used when we wants to control one lamp from _____ different places.
19. Wattage of 4 foot florescent lamp is _____ watt.
20. Maximum acceptable value of earth resistance is _____.

Key

- 1- B 2- C 3- A 4- D 5- C
 6- A 7- B 8- A 9- D 10- A
 11- A 12- D 13- A 14- PARALLEL
 15- SERIES 16- KWH / UNITS 17- WIRE STRIPPER
 18- 2 19- 40 20- 1