

## Physics 10th Class English Medium Online Test

Sr	Questions	Answers Choice
1	Magnetic effect of electric current was first discovered by:	A. Faraday B. Ampere C. Volta D. Lenz
2	Which one is a safety device?	A. Switch B. Fuse C. Circuit breaker D. Both B and C
3	Mathematical form of Ohm's law is:	A. $V = IR$ B. $V = I^2R$ C. $V = Qt$ D. $V = IR^2$
4	What is the voltage across a $6\Omega$ resistor when 3A current passes through it?	A. 2V B. 9V C. 18V D. 36V
5	The S.I unit of electric power is:	A. Volt B. Watt C. Ampere D. Joule
6	A conductor of electric current is:	A. Wood B. Rubber C. Plastic D. Copper
7	Which wire has lowest resistance?	A. Thick wire B. Thin wire C. Very thin wire D. All
8	In mathematical form of Ohm's law, "R" is:	A. Resistance B. Specific resistance C. Resistor D. Resistivity
9	Electric current in conductors is due to the flow of:	A. Positive ions B. Negative ions C. Positive charge D. Free electrons
10	Which instrument measures the potential difference:	A. Voltmeter B. Barometer C. Galvanometer D. Ammeter
11	Mathematical formula of electromotive force (e.m.f) is:	A. $E = W/Q$ B. $E = Q/W$ C. $E = WQ$ D. $E = W^2Q$
12	The S.I unit of potential difference is:	A. Ampere B. Coulomb C. Volt D. Watt