

Physics 10th Class English Medium Unit 6 Online Test

Sr	Questions	Answers Choice
1	When a current carrying conductor is placed in magnetic field at right angle to it. The direction of force acting upon it is:	A. The same as direction of field B. Opposite the direction of field C. Makes an angle of 45° with the current D. At right angle to both the field and the current.
2	The shape of magnetic lines of force in case of a straight current carrying conductor is:	A. Elliptical B. Triangular C. Rectangular D. Circular
3	If the change of current in a circuit induces a current in another circuit, this phenomena is known as:	A. Self induction B. Mutual induction C. Electromagnetic induction D. None mutual induction
4	In A.C. generator flux will be zero if coil is to the field.	A. 90° B. 45° C. Parallel D. Inclined
5	Transformer which increase voltage is called.	A. Step-up transformer B. Step down transformer C. D.C. Motor D. A.C. generator
6	The voltage is decreased by:	A. Step-up transformer B. Step-down transformer C. A.C. generator D. D.C. Motor
7	Which device has two coils, primary and secondary?	A. D.C. Motor B. Transformer C. A.C. generator D. a and b
8	Which type of energy is converted into mechanical energy in the D.C. Motor.	A. Magnetic energy B. Heat energy C. Electrical energy D. Chemical energy
9	When did Michael Faraday discover Electromagnetic induction?	A. 1841 B. 1831 C. 1821 D. 1811
10	Who discovered Electromagnetic induction?	A. Michael Faraday B. Fleming C. Ohm D. Coulomb
11	In D.C. motor split rings are made of:	A. Steel B. Carbon C. Copper D. Iron
12	The force on a current carrying conductor is maximum if angle between field and conductor is:	A. 0° B. 90° C. 180° D. 45°