

Physics 10th Class English Medium Unit 6 Online Test

Sr	Questions	Answers Choice
1	The step-up transformer	A. Increases the input current B. Increase the input voltage C. Has more turns in the primary D. Has less turns in hte secondary coil
2	The direction of induced e.m.f. in a circuit is in accordance with conservation of.	A. Mass B. Charge C. Momentum D. Energy
3	Which part of a D.C. motor reverses the direction of current through the coil every half-cycle.	A. The armature B. The commutator C. The burshes D. The slip rings
4	D.C. motor converts.	A. Mechanical energy into electrical energy B. Mechanical energy into chemical energy C. Electrical energy into mechanical energy D. Electrical energy into chemical energy
5	If the current in a wire which is placed perpendicular to a magnetic field increases, the force on the wire.	A. Increases B. Decreases C. Remains the same D. Will be zero
6	The presence of a magnetic field can be detected by a	A. small mass B. Stationary positive charge C. Stationary negative charge D. Magnetic compass
7	What is the direction of the magnetic field lines inside a bar magnet?	A. From north pole to south pole B. From south pole to north pole C. From side to side D. There are no magnetic field lines.
8	Which statement is true about the magnetic poles?	A. Unlike poles repel B. Like poles attract C. Magnetic poles do not effect each other D. A single magnetic pole does not exist
9	Transformer works on _____ supply.	A. A.C B. D.C C. Battery D. Both A and B
10	A transformer has 100 turns in its primary and 500 turns in secondary coil. If 6 volts D.C is applied across its primary, the voltage induced across its secondary coil will be:	A. 0 volt B. 30 volts C. 45 volts D. 60 volts
11	The coil of a transformer which is connected to A.C is called:	A. Primary coil B. Secondary coil C. Field coil D. Armature coil
12	Which device is used to increases / decreases A.C Voltage?	A. Electric motor B. Transformer C. A.C Generator D. Solenoid