

## Physics 10th Class English Medium Online Test

Sr	Questions	Answers Choice
1	In 1950, physicists observed that in cathode ray tube a special type of rays produced from cathode, these rays were called:	A. Cathode rays B. X-rays C. Alpha rays D. Gamma rays
2	Transformer works on _____ supply.	A. A.C B. D.C C. Battery D. Both A and B
3	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
4	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
5	Which device is used to increases / decreases A.C Voltage?	A. Electric motor B. Transformer C. A.C Generator D. Solenoid
6	Changing magnetic field in a closed circuit can induce:	A. e.m.f B. Electric current C. Force D. Both A and B
7	The true ratio of a transformer is 10. It means:	A. $V_s = 10V_p$ B. $N_s = N_p/10$ C. $N_s = 10N_p$ D. $V_s = V_p/10$
8	In electric motor, the brushes are made of:	A. Lead B. Graphite C. Iron D. Wood
9	Electric motor converts electrical energy into:	A. Chemical energy B. Solar energy C. Heat energy D. Mechanical energy
10	Number of poles in a magnet is:	A. One B. Two C. Three D. Unlimited
11	A.C generator works on the principle of:	A. Electrostatic induction B. Electromagnetic induction C. Law of gravitation D. Third law of motion
12	When an electric current passes through a conductor, which field is produced around it?	A. Electric field B. Magnetic field C. Gravitational field D. Electrostatic field