

Physics 10th Class English Medium Unit 6 Online Test

Sr	Questions	Answers Choice
1	According to Fleming's left hand rule the direction of force on the conductor is given by:	A. Thumb B. Fore finger C. Middle finger D. None of these
2	According to Fleming's left hand rule the direction of magnetic field is indicated by:	A. Thumb B. Forefinger C. Middle finger D. Right hand rule
3	A current carrying conductor produces a field around it is called:	A. Electric field B. Magnetic field C. Both a and b D. None of these
4	The magnetic field of a solenoid resembles as:	A. Iron wire B. U-shape magnet C. Bar magnet D. Point charge.
5	The end of solenoid from which lines of force emerge out is called:	A. North pole B. South pole C. North and south pole D. None of these
6	The lines will be in the form of concentric circles, if conductor is:	A. Circular B. Straight C. Solenoid D. None of these
7	If current is flowing from bottom end to the top end in a wire, according to right hand rule the direction of line of forces would be:	A. Anti-clock wise B. Clock wise C. Left and Right D. Along the conductor.
8	The number of lines of force in a magnetic field depends upon.	A. Shape of coil B. Size of coil C. Magnet D. Strength of field
9	Transformer Works on the principle of:	A. Self induction B. Mutual induction C. Electro static D. Induction
10	Iron core is used in tranformer to:	A. Enhance the flux B. Decrease the flux C. Keep flux the same D. botha a and b
11	A transformer has $N_p = 100$ and $N_s = 500$, if 6 volt D.C is applied across its primary, the induced voltage.	A. 0 V B. 30 V C. 45 V D. 60 V
12	The turn ratios of a transformer is 10. It means.	A. $I_s = 10I_p$ B. $N_s = N_p$ C. $N_s = 10N_p$ D. $V_s = V_p / 10$