

Physics ECAT Pre Engineering Chapter 14 Electromagnetism

Sr	Questions	Answers Choice
1	Magnetic induction is also called as:	<p>A. Ampere's law</p> <p>B. Faraday's law</p> <p>C. Lenz's law</p> <p>D. Newton's law</p> <p>E. Coulomb's law</p>
2	When a suitable small resistance is put in parallel with the galvanometer coil, it is converted into	<p>A. Voltmeter</p> <p>B. Avometer</p> <p>C. Ammeter</p> <p>D. None of these</p>
3	If volume of wire is 'AL' and there are 'n' numbers of charge carriers per unit volume, then the total number of charge carriers are	<p>A. n/AL</p> <p>B. Al/n</p> <p>C. nAL</p> <p>D. nAL</p>
4	The straight current carrying conductor experiences maximum force in a uniform magnetic field when it is placed	<p>A. parallel to the field</p> <p>B. Perpendicular to the field</p> <p>C. At an angle of 45 to the field</p> <p>D. None of the above</p>
5	The sources of magnetic field are	<p>A. isolated magnetic poles</p> <p>B. charges at rest</p> <p>C. charges in motion</p> <p>D. none of these</p>
6	(CRO) Cathode ray oscilloscope is a device used for high speed	<p>A. velocity</p> <p>B. graph plotting</p> <p>C. time-velocity</p> <p>D. none of these</p>
7	A field is uniform and much stronger:	<p>A. Inside a long solenoid</p> <p>B. Outside a long solenoid</p> <p>C. At the end of a long solenoid</p> <p>D. None of these</p>

