

ECAT Pre General Science MCQ's Test For Physics Full Book

Sr	Questions	Answers Choice
1	An induced current can be produced by:	<p>A. Constant magnetic field</p> <p>B. Changing magnetic field</p> <p>C. Varying magnetic field</p> <p>D. Constant electric field</p> <p>E. None of these</p>
2	Energy stored in the spring of a watch is called	<p>A. Potential energy</p> <p>B. Kinetic energy</p> <p>C. Nuclear energy</p> <p>D. Elastic potential</p>
3	Electromagnetic waves emitted by hot bodies are called:	<p>A. Photoelectrons</p> <p>B. Alpha rays</p> <p>C. Thermal radiation</p> <p>D. None of these</p>
4	Stars twinkle due to	<p>A. The fact that they do not emit light continuously</p> <p>B. The refractive index of earth's atmosphere fluctuates</p> <p>C. The Star's atmosphere absorbs its light intermittently</p> <p>D. None of these</p>
		<p>A. Both the potential and potential difference is scalars</p> <p>B. Both the potential and potential difference is scalars</p>

	moving freely under the action of gravity is called	C. a projectile D. a balloon
16	0.1 kg mass will be equivalent to the energy	A. 9×10^{15} J B. 5×10^8 J C. 6×10^{16} J D. 9×10^{-16} J
17	When a wave is travels from one place to another, it transfers:	A. Matter B. Energy C. Momentum D. Both B and C
18	A current of 1.6 A is passed through a solution of CuSO_4 . How many Cu^{2+} ions are liberated in one minute?	A. 3×10^{20} B. 3×10^{10} C. 6×10^{20} D. 6×10^{10}
19	A transistor has:	A. One region B. Two regions C. Three regions D. Four regions E. None is correct
20	The number of all the protons and neutrons in a nucleus is known as	A. atomic number B. mass number C. charge number D. none of these