

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

0	Overtions	Anguna Chaica
Sr 1	Questions The units of modulus of elasticity are	A. Nm ⁻² B. Nm C. ms ⁻¹
2	The pressure of gas everywhere inside the vessel will be the same provided the gas is of	D. Pascal A. Non-uniform density B. uniform density C. high density
3	What will be the ratio of the distance moved by a freely falling body from rest in 4th	D. low density A. 4:5 B. 7:9
	and 5th seconds of journey?	C. 16: 25 D. 1: 1 A. Increases with increasing pressure
4	Melting point of ice	B. Decreases with increasing pressure C. Is independent of pressure D. Is proportional to pressure A. Remains fixed
5	Each atom in metal crystal:	B. Vibrates about a fixed point C. Moves randomly D. Rotates about center of a crystal E. None of these
6	An induced current can be produced by	A. Constant magnetic field B. Changing magnetic field C. Varying electric field D. Constant electric field E. None of these
7	Which one is the least multiple:	A. Pico B. Femto C. Nano D. Atto
8	Blood is an	A. Compressible fluid B. incompressible fluid C. hard D. none of them
9	The passage of current is accompanied by a magnetic field in the surrounding space:	A. Always accompanied><o:p></o:p> B. Sometimes accompanied<o:p></o:p> C. Never accompanied<o:p></o:p> D. Any of above class="MsoNormal" style="text-align:justify"><o:p></o:p> E. <o:p></o:p> E.

	· · · · · · · · · · · · · · · · · · ·	C. Retardation D. None of these
11	An inkjet printer uses in its operation:	A. Neutrons only<0:p> B. Mesons only<0:p> C. Positrons and photons<0:p> D. Positrons and photons<0:p> D. An electric charge<0:p> E. None of these<0:p>
12	An induced current can be produced by:	A. Constant magnetic field B. Changing magnetic field C. Varying magnetic feild D. Constant electric field E. None of these
13	A certain charge liberates 0.8 g of oxygen. The same charge will liberate. how many g of silver?	A. 108 g B. 10.8 g C. 0.8 g D. 108/0.8 g
14	Binding energy per nucleus is	A. greater for heavy nucleus B. least for heavy nucleus C. greatest for light nuclei D. decreases for medium weight niclei
15	When small number of atoms from some other suitable element is added to the semi- conductor material, then this process is known as	A. impurification B. adding C. doping D. extrinsivity
16	Two satellites are to be launched into space from the surface of eatth satellite 1 has mass 10 kg and volume 1500 cm3. While satellite 2 has mass 5 kg and volume 1000 m3. Assume the required escape velocities of satellite 1 and satellite 2 are v 1 and v2 , respectively. The relation between v1 and v2 is.	A. Relation depends on the launch B. V1>V2 C. V1 = V2 D. V1 <v2< td=""></v2<>
17	Swimming becomes possible because oflaw of motion.	A. First B. Second C. Third D. None of these
18	X-ray are also known as	A. Roentgen rays B. Maxwell rays C. Plank range D. Einstein rays
19	OP-AMP has the following input terminals	A. one B. two C. three D. four
20	Transmitting antenna emits	A. Magnetic waves B. Electric waves C. Electromagnetic waves D. Sound waves