Physics ECAT Pre Engineering MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Which one is the least multiple:	A. Pico B. Femto C. Nano D. Atto
2	The capacitance of a parallel plate capacitor depends upon	A. Area of the plates B. Separation between the plates C. Medium between the plates D. All of the above
3	Neutron was discovered by	A. Curie B. Roentgen C. Chadwick D. Rutherford
4	An emf is set up in a conductor when it:	A. is kept in a magnetic field B. is kept in a electric field C. Move across a magnetic field D. Both (A) and (B) E. None of these
5	The energy of the 4th orbit in hydrogen atom is	A. 2.5 ev B. - 3.5 ev C. -0.85 ev D. -13.6 ev
6	Laws of reflection and refraction can also be explained by:	A. Particle nature of light B. Quantum nature of light C. Wave nature of light D. Complex nature of light
7	The waves in which the particles of the medium have displacement along the direction of propagation of waves are called	A. longitudinal waves B. transverse waves C. non-mechanical waves D. none of them
8	What is another name for laminar flow?	A. streamline B. unsteady flow C. turbulent flow D. both (a) and (b)
9	Acceleration in a body is always produced in the directin of:	A. Velocity B. Weight C. Force D. Botha B and C
10	Electrolysis is the study of conduction of electricity through:	A. Solids B. Liquids C. Gases D. Plasma
11	The direction of the linear momentum is the direction of	A. speed B. velocity C. weight D. none of them
12	Amount of heat required to raise the temperature of a body through 1 K is called its	A. Specific heat B. Water equivalent C. Thermal capacity D. Entropy
13	10 c.c. each of oxygen and hydrogen are kept in separate flasks. Then which of the following relations is correct?	A. Each have same number of molecules B. Don't have same number of molecules C. Can't be predicted D. None
		A. No lines cross this area<o:p></o:p> B. <span style="font-size:12.0pt;line-height:107%;font-family: "Times New

14	When certain area A is held parallel to the field lines, then:	Roman","serif"">Maximum lines pass through this area<o:p></o:p> C. The number of lines are between zero and maximum<o:p></o:p> D. Both (A) and (B) correct<o:p></o:p> E. None of these<o:p></o:p>
15	When heat is added into the system then change in entropy is	A. negative B. positive C. zero D. any one of them
16	The entire wave form of sinusoidal voltage is actually a set of all the:	A. Positive maximum value + V_oand negative maximum value -V_o B. Posiotive maximum value +V_oand zero C. Zero and negative maximum value -V_o D. Any of these E. None of these
17	Swimming becomes possible because of_____law of motion:	A. First B. Second C. Third D. None of these
18	If the values of instantaneous and average velocities are equal, the body is said to be moving with	A. uniform acceleration B. uniform speed C. variable velocity D. uniform velocity
19	the symbol to be used in relativity problems denotes:	A. Dilated time B. Proper time C. Life time D. Half time E. None of these
20	A typical rocket consists of fuel	A. more than 60% of launch mass B. less than 60% of launch mass C. less than 80% of launch mass D. more than 80% of launch mass