

Physics ECAT Pre Engineering MCQ's Test For Full Book

Qr.	Questions	Anguara Chaica
Sr	Questions	Answers Choice
1	CRO deflects the beam of	A. proton B. a-particle C. electron D. neutron
2	A medium of dielectric constant 'K' is introduced between the plates of parallel plate condenser. As a result its capcitance	A. Increase k time B. Decreases k times C. Decreases 1/K times D. Remains unchanged
3	A choke coil is used as a resistance in	A. d.c. circuit B. a.c. circuit C. d.c. potentiometer circuit D. wheatstone bridge
4	A high concentration of red blood cells increases its viscosity from	A. 3 - 5 times that of mercury B. 5 - 8 times that of mercury C. 3 - 5 times that of water D. 5 - 8 times that of water
5	When the body is moves against the force of friction on a horizontal plane, the work done by the body is:	A. Positive B. Negative C. Zero D. None of these
6	At low speeds, the drag force is	A. proportional to speed B. inversely proportional to speed C. not simply proportional to speed D. none of them
7	The crystalline structure of NaCl is	A. rectangular B. hexagonal C. tetrahedral D. cubical
8	The density of blood is nearly equal to that of	A. mercury B. sodium C. water D. honey
9	Particles have the mass smallest of following is	A. Electron B. Proton C. Neutron D. Quark
10	In gases, the charge carriers are:	A. Electrons B. Positive ions C. Negative ions D. Both A and C E. Both A and B
11	The definite number of significant figures in 5000 is:	A. Four B. Three C. Two D. One
12	The amount of coal used since 1945 up till now as compared to that used in the whole of history before that is	A. Much more B. Very small C. No amount at all D. None of these
13	plays the same role during angular motion as played by the mass in linear motion	A. Torque B. Angular Momentum C. Moment of a force D. Moment of inertia
14	Density of oxygen is about 16 times that of hydrogen therefore if speed of hydrogen is x, then speed of oxygen.	A. Greater than x B. The same C. Less than x D. Depending upon the pressure of gases
15	Moment of linear momentum is called.	A. Moment arm B. Moment of inertia

		C. Inertia D. Angular momentum
16	A train cover 90 km in half an hour. the time taken by it to travel 15 km will be:	A. 20 minutes B. 48 minutes C. 10 minutes D. 5 minutes
17	Acceleration of a body at any particular instant during its motion is known as	A. average acceleration B. uniform acceleration C. instantaneous acceleration D. all of them
18	Tick the correct statement:	A. > Both the potential and potential difference is scalars<0:p> B. > Potential is a scalar but potential difference is a vector<0:p> C. > Both are vectors C. > Both are vectors Syan >