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

Sr	Questions	Answers Choice
1	Bernoulli's equation is based upon law of conversation of	A. mass B. momentum C. Energy D. None
2	Mass of proton is	A. 1.67×10^{-27} kg B. 1.67×10^{-31} kg C. 1.66×10^{-34} kg D. 1.67×10^{-17} kg
3	An eV is unit of:	A. Potential B. Energy C. Work D. Power E. Both (B) and (C)
4	Work done is lowering the bucket into the well is:	A. Zero B. Positive C. Negative D. None of these
5	In a three phase a.c. generator, there are	A. 2 coils B. 3 coils C. 1 coild D. No coil
6	The _____ viscous the medium is _____, is the value of terminal velocity of the droplet:	A. More, lesser B. Lesser, more C. Both A and B D. Lesser, lesser
7	At the present time, the main frontiers of fundamental science are	A. 2 B. 3 C. 4 D. 5
8	The Boltzman constant has the value	A. 1.38×10^{-23} JK^{-1} B. 1.28×10^{-23} JK^{-1} C. 1.38×10^{-26} JK^{-1} D. 1.28×10^{-26} JK^{-1}

9	A train of 150 m length is going towards north direction at a speed of 10 ms^{-1}. A parrot files at a speed of 5 ms^{-1} towards south direction parallel to the railway track. The time taken by the parrot to cross the train is equal to	A. 12 s B. 8 s C. 15 s D. 10 s
10	One KWh is equal to:	A. 3.6 x 10^2 J B. 3.6 KJ C. 3,6 x 10^1 KJ D. 3,6 MJ
11	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
12	If the flow is incompressible and the flow is steady then the mass of the fluid through the pipe	A. increases B. decreases C. becomes zero D. is conserved
13	CT scanning is the abbreviated name of	A. Computed Technology B. Computed Technique C. Computed Technology D. Computerized Technique
14	The locus of all the points in the same phase of vibration is called:	A. Wave packet B. Wave front C. Wave number D. None of them
15	1 gm-cm^{-3} is equal to:	A. 10^3 kg-m^{-3} B. 10^{-3} kg-m^{-3} C. 1 kg-m^{-3} D. 10^6 kg-m^{-1}
16	The SI unit of magnetic flux is.	A. weber B. Nm^{-1}A^{-1} C. tesla D. gauss
17	The gavanometer constant of a moving coil galvanometer is given by	A. K=BAN/C B. K=BN/CA C. K=NAC/B D. K=C/BAN
18	If rope of lift breaks suddenly. The tension exerted by the surface of lift is (a=Acceleration of lift)	A. mg B. m (g+a) C. m (g - a) D. 0
19	The ratio of linear stress/linear strain is called as	A. Yong's modulus B. Bulk modulus C. Shear modulus D. Modulus
20	The input resistance of the OP-AMP is the resistance between the	A. (-) input and output B. (+) input and output C. (-) and (+) inputs D. between any inputs