

Physics ECAT Pre Engineering MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	A real gas can be approximated to an ideal gas at	<p>A. Low density B. High pressure C. High density D. Low temperature</p>
2	the dilation of time applies to the timing processes which are:	<p>A. Physical B. Chemical C. Biological D. All of these E. None of these</p>
3	Deep water almost runs still when surface water flow in rivers. What does it explains	<p>A. Magnus effect B. Equation of continuity C. Surface energy D. Bernoulli's equation</p>
4	The results of spectra obtained by Blamer were expressed in 1896 by	<p>A. Bohr B. Rydberg C. Planck D. Rutherford E. Coulomb</p>
5	Two forces each of 10 N act on a body, if the force are inclined at 30° and 60° respectively with x-axis, then x-component of their resultant is:	<p>A. 20 N B. 13.66 N C. 10 N D. 8.66 N</p>
6	As the light shines on the metal surface, the electrons are ejected	<p>A. slowly B. instantaneously C. either of these D. none of these</p>
7	The product of force and time is called	<p>A. acceleration B. linear momentum C. angular momentum D. impulse</p>
8	The locus of all the points in the same phase of vibration is called:	<p>A. Wave packet B. Wave front C. Wave number D. None of them</p>
9	The closed loop gain of the inverting amplifier is written as	<p>A. $G = R_2/R_1$ B. $G = 1 + R_2/R_1$ C. $G = -R_2/R_1$ D. $G = 1 - R_2/R_1$</p>
10	The charge carriers in gases are	<p>A. electrons B. ions C. protons D. ions and electrons</p>
11	In order to have a constant current through wire, the potential difference across its end should:	<p>A. Be zero B. Be maintained constant C. Goes on increasing D. Go on decreasing E. None of these</p>

