

Physics ECAT Pre Engineering MCQ's Test For Full Book

C-	Ougations	Anguaga Chaisa
Sr	Questions	Answers Choice
1	According to the Bernoulli's theorem the pressure velocity are	A. equal to each other B. proportional to each other C. inversely proportional to each other D. none of them
2	Two bullets are fired simultaneously, horizontally and with different speeds from the same place. Which bullet will hit the ground first?	A. The faster one B. Depends on their mass C. The slower one D. Both will reach simultaneously
3	Which of the following represents an electric current?	A. C ⁻¹ B. CS ⁻¹ C. J.S ⁻¹ D. dynes ⁻¹
4	The highest value reached by the voltage or current:	A. In quarter cycle is called Instantaneous value B. In half cycle is called peak-to-peak value C. In one cycle is called peak value D. In half cycle is called Instantaneous value E. None of these
5	Mechanical waves on the surface of a liquid are	A. Transverse B. Longitudinal C. Torsional D. both transverse and longitudinal
6	The mass 'm' of a body moving at 0.8 c (whose rest mass is mo) becomes	A. 2 mo B. 1.67 mo C. 0.67 mo D. 2.67 mo
7	Direction of motion in circular motion:	A. Changes off and on B. Changes continuously C. Does not change D. None of them
8	It is possible to recognize a person by hearing his voice even if he is hidden behind a solid wall. This is due to the fact that his voice	A. Has a definite pitch B. Has a definite quality C. Has a definite capacity D. Can penetrate the wall
9	Work has the dimensions as that of	A. Torque B. Angular momentum C. Linear momentum D. Power
10	The ratio of the diameter of two convex lenses isthe ratio of their focal lengths:	A. Greater than B. Less than C. Equal to D. None of these
11	The mass of the nucleus is always less than the total man of the protons and neutron that make up the nucleus. The difference of the two masses is called	A. nuclear fission B. nuclear fusion C. man defect D. radioactivity
12	Decibel is unit of	A. Intensity of light B. x-ray radiation capacity C. sound loudness D. Energy of radiation
13	At the top of the trajectory of a projectile the acceleration is	A. The maximum B. The minimum C. Zero D. g
14	In rotational motion, analogue of force F us called:	A. Couple B. Torque C. Mass D. Moment of intertia

15	What is another name for laminar flow?	A. streamline B. unsteady flow C. turbulent flow D. both (a) and (b)
16	Position was discovered by Carl Anderson in	A. 1920 B. 1925 C. 1928 D. 1932
17	Michael Faraday and Joseph Henry belong respectively to	A. USA and England B. England and France C. England and USA D. USA and France E. None of these
18	Each atom in a metal crystal vibrates about a fixed point with an amplitude that:	A. Decrease the rise in temprature B. Is not affected by rise in temprature C. Increase with rise in temprature D. Both (B) and (C) E. None of these
19	When an electron is accelerated through a P.D. of an one volt, it will acquire energy equal to	A. One joule B. One erg C. One electron volt D. None of these
20	For a fixed force, larger is the mass of a body the	A. greater is its acceleration B. smaller is its acceleration C. smaller is its weight D. zero is its acceleration