

## Physics ECAT Pre Engineering Chapter 1 Measurement

Sr	Questions	Answers Choice
1	Those quantities which can be measured accurately are known as	A. Physical Quantities B. Scalar Quantities C. Vector Quantities D. Non Physical Quantities
2	Which one is the least multiple:	A. Pico B. Femto C. Nano D. Atto
3	The study of physics involves?	A. Structure of space and time B. Interaction of electromagnetic radiation with matter C. Both of them D. Chemical changes E. None of them
4	Which one is the least multiple	A. Pico B. Femto C. Nano D. Atto
5	Uncertainty is of following type/types:	A. Absolute B. Fractional C. Percentage D. All of these
6	Examples of physical quantities are:	A. Length B. Color C. Effect of music D. All of these
7	Aerodynamics is a branch of	A. Hydrodynamics B. Thermodynamics C. Both of them D. Statics
8	Physical quantities are often divided into _____ categories	A. 3 B. 2 C. 9 D. 5
9	Distance to nearest galaxy from earth is	A. $10^{10}$ m B. $10^{15}$ m C. $10^{40}$ m D. $10^{30}$ m
10	The principle characteristics of an ideal standard are	A. Inaccessible and Invariable B. Accessible and Invariable C. Accessible and Variable D. None of these
11	Radio telescope is used to gather information from	A. Earth B. Moon only C. Far side of the universe D. Sea water
12	The machines which deals with the objects moving with velocities approaching that of light is called:	A. Relativistic mechanics B. Wave mechanics C. Quantum D. Statics mechanics
13	Light year is a unit of:	A. Time B. Distance C. Velocity D. Intensity of light
14	The quantity have dimension of $ML^2T^{-2}$ will have SI unit of:	A. Watt B. Newton C. Joule D. Metre
15	Significant figures in 0.0010 are:	A. Four B. Three C. Two D. One

		D. One
16	Light year is a unit of	A. Time B. Distance C. Velocity D. Intensity of light
17	Physics is one of the branches of:	A. Social sciences B. Physical sciences C. Biological sciences D. Abstract art
18	Aerodynamics is a branch of:	A. Hydrodynamics B. Thermodynamics C. Both of them D. Statics
19	The information from far side of the universal are gathered by:	A. Radio telescope B. Microscope C. Telescope D. Spectro scpe
20	Diameter of the nucleus s of the order of	A. $10^{-10}$ m B. $10^{-12}$ m C. $10^{-15}$ m D. $10^{-18}$ m