

## Physics ECAT Pre Engineering Chapter 1 Measurement Online Test

Sr	Questions	Answers Choice
1	Total number of base units are	A. Three B. Five C. Seven D. Nine
2	The system international (SI) is built from _____ kind of unites	A. Two B. Three C. Four D. Five
3	The principle characteristics of an ideal standard are	A. Inaccessible and Invariable B. Accessible and Invariable C. Accessible and Variable D. None of these
4	Diameter of the atom is of the order of	A. $10^{-10}$ m B. $10^{-12}$ m C. $10^{-15}$ m D. $10^{-9}$ m
5	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
6	Distance to nearest galaxy from earth is	A. $10^{10}$ m B. $10^{15}$ m C. $10^{40}$ m D. $10^{30}$ m
7	Physical quantities are often divided into _____ categories	A. 3 B. 2 C. 9 D. 5
8	Those quantities which can be measured accurately are known as	A. Physical Quantities B. Scalar Quantities C. Vector Quantities D. Non Physical Quantities
9	Which branch of physics deals with the structure and properties of solids	A. Atomic Physics B. Plasma Physics C. Molecular Physics D. Solid state physics
10	Computer chips are made from	A. Conductors B. Semiconductors C. Insulators D. Both A and B
11	The branch of physics which concerned with the ultimate particles of which the universe is composed is known as	A. SolidState physics B. Particle Physics C. Nuclear Physics D. Atomic Physics
12	The instrument used to gather information form the far side of the universe is	A. Compound microscope B. Radio telescope C. Astronomical Telescope D. Simple microscope
13	At the present time, the main frontiers of fundamental science are	A. 2 B. 3 C. 4 D. 5