

## ECAT Physics Chapter 1 Measurements

Sr	Questions	Answers Choice
1	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
2	The branch of physics which deals with the structure and properties of solids is called:	A. Plasma physics B. Solid state physics C. Any of above D. Astrophysics
3	The information from far side of the universe are gathered by	A. Radio telescope B. Microscope C. Telescope D. Spectro scope
4	A dimension stands for the _____ nature of certain physical quantity.	A. super B. Quantitative C. Qualitative D. Both B and C
5	Physical quantities are often divided into _____ categories	A. 3 B. 2 C. 9 D. 5
6	Physics details with the study of:	A. Matter B. Energy C. Both of them D. Human body
7	Those quantities which can be measured accurately are known as	A. Physical Quantities B. Scalar Quantities C. Vector Quantities D. Non Physical Quantities
8	The information from far side of the universe are gathered by:	A. Radio telescope B. Microscope C. Telescope D. Spectro scope
9	Light year is a unit of:	A. Time B. Distance C. Velocity D. Intensity of light
10	Particles have the mass smallest of following is:	A. Electron B. Proton C. Neutron D. Quark
11	Light year is a unit of	A. Time B. Distance C. Velocity D. Intensity of light
12	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
13	The mechanics, which deals with the objects moving with velocities approaching that of light is called	A. Relativistic mechanics B. Wave mechanics C. Quantum mechanics D. Statics
14	Branch of physics which deals with the study of stars and galaxies is called:	A. Solid state physics B. Astrophysics C. Molecular physics D. Chemical physics
15	Radio telescope is used to gather information from	A. Earth B. Moon only C. Far side of the universe

		D. Sea water
16	Significant figures in 0.0010 are	A. Four B. Three C. Two D. One
17	Which quantity has different dimension?	A. Tension B. Work C. Energy D. Torque
18	Which of the following are the units of intensity of light	A. Pois B. Lux C. Siemen D. Candela
19	If the absolute uncertainty of an instrument is 0.0a1 cm, then its least count will be :	A. 0.005 cm B. 0.01 cm C. 0.02 cm D. 0.001 cm
20	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