

ECAT Physics Chapter 1 Measurements

0	Overtions	Arrange Obs.
Sr	Questions	Answers Choice
1	Radio telescope is used to gather information from	A. Earth B. Moon only C. Far side of the universe D. Sea water
2	Light year is a unit of:	A. Time B. Distance C. Velocity D. Intensity of light
3	The branch of physics which deals with the properties of fundamental particles is called:	A. High energy physics B. Molecular physics C. Astrophysics D. Space physics
4	Which quantity has different dimensions:	A. Work B. Pressure C. Energy D. Torque
5	The definite number of significant figures in 5000 is:	A. Four B. Three C. Two D. One
6	Electron is a particle whose mass is:	A. Greater than that of a proton B. Smaller than that of a proton C. Smaller than that of a proton or a neutron D. Greater than that of an atom
7	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
8	Silicon can be obtained from	A. Lead B. Uranium C. An isotope of oxygen D. Sand
9	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
10	For multiplication and division purposes, percentage uncertainties are:	A. Add B. subtracted C. Multiplied D. Divided
11	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
12	Aerodynamics is a branch of:	A. Hydrodynamics B. Thermodynamics C. Both of them D. Statics
13	The body of physics involves	A. Structure of space and time B. Interaction of electromagnetic radiation with matter C. Both of them D. Chemical Changes
14	Which quantity has different dimension:	A. Work B. Pressure C. Energy D. Torque

15	The information from far side of the universe are gathered by:	A. Radio telescope B. Microscope C. Telescope D. Spectro scope
16	Particles have the mass smallest of following is:	A. Electron B. Proton C. Neutron D. Quark
17	Astrophysics is a branch of physics, which deals with	A. Sub-atomic B. Stars and galaxies C. Light and sound D. Music
18	Physical quantities are often divided into categories	A. 3 B. 2 C. 9 D. 5
19	Number of supplementary units are	A. Three B. Two C. Seven D. Five
20	A dimension stands for the nature of certain physical quantity.	A. super B. Quantitative C. Qualitative D. Both B and C