

ECAT Physics Chapter 1 Measurements

Sr	Questions	Answers Choice
1	From sand, we get a material used for construction of computer chips. That material is called:	A. Copper B. Lead <div> C. Silicon D. Germanium</div>
2	Electron is a particle whose mass is:	A. Greater than that of a proton B. Smaller than of a proton and greater than mass of neutron C. Smaller than that of proton or neutron D. Greater than that of an atom
3	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
4	1 gm-cm ⁻³ is equal to	A. 10 ³ kg-m ^{- 3} B. 10 ⁻³ kg-m ^{- 3} C. 1kg-m ⁻³ D. 10 ⁶ kg-m ^{- 1}
5	Astrophysics is a branch of physics, which deals with	A. Sub-atomic B. Stars and galaxies C. Light and sound D. Music
6	The information from far side of the universe are gathered by	A. Radio telescope B. Microscope C. Telescope D. Spectro scpe
7	Which one is the least multiple:	A. Pico B. Femto C. Nano D. Atto
8	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
9	Physics details with the study of:	A. Matter B. Energy C. Both of them D. Human body
10	Light year is a unit of	A. Time B. Distance C. Velocity D. Intensity of light
11	Physical quantities are often divided into categories	A. 3 B. 2 C. 9 D. 5
12	Which quantity has different dimension?	A. Tension B. Work C. Energy D. Torque
13	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
14	Which of the following are the units of intensity of light	A. Pois B. Lux C. Siemen D. Candela

15	Light year is a unit of:	A. Time B. Distance C. Velocity D. Intensity of light
16	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
17	Addition of 2.189 kg, 11.8 kg and 5.32 kg gives the rounded off answer as:	A. 19.398 B. 19.400 C. 19.4 D. 19.3
18	Aerodynamics is a branch of	A. Hydrodynamics B. Thermodynamics C. Both of them D. Statics
19	Which quantity has different dimension:	A. Work B. Pressure C. Energy D. Torque
20	The definite number of significant figures in 5000 is:	A. Four B. Three C. Two D. One