

ECAT Physics Chapter 1 Measurements

Sr	Questions	Answers Choice
1	For addition and subtraction purposes, absolute uncertainties are:	A. Added B. Subtracted C. Multipiled D. Divided
2	1 gm-cm ⁻³ is equal to:	A. 10^{-3} kg-m ⁻³ B. 10^{-3} kg-m ⁻³ C. 1 kg-m ⁻³ D. 10^{-6} kg-m ⁻¹
3	The time taken by light to travel from moon to earth is:	A. 80 sec B. 500 sec C. 1.802×10^4 sec D. Aerophysics
4	Computer chips are made from	A. Conductors B. Semiconductors C. Insulators D. Both A and B
5	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
6	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
7	Particles have the mass smallest of following is:	A. Electron B. Proton C. Neutron D. Quark
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	Examples of physical quantities are:	A. Length B. Color C. Effect of music D. All of these
11	Those quantities which can be measured accurately are known as	A. Physical Quantities B. Scalar Quantities C. Vector Quantities D. Non Physical Quantities
12	Which one of the least multiple:	A. Pico B. Femto C. Nano D. Atto
13	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
14	The information from far side of the universe are gathered by	A. Radio telescope B. Microscope C. Telescope D. Spectro scope

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16 High energy physics is branch of physics, which deals with:

A. Stars and galaxies
B. Sub-atomic particles
C. Light and sound
D. Molecules

17 From sand, we get a material used for construction of computer chips. That material is called:

A. Germanium
B. Silicon
C. Copper
D. Lead

18 Physical quantities are often divided into _____ categories

A. 3
B. 2
C. 9
D. 5

19 Aerodynamics is a branch of:

A. Hydrodynamics
B. Thermodynamics
C. Both of them
D. Statics

20 Which quantity has different dimension:

A. Work
B. Pressure
C. Energy
D. Torque