

ECAT Pre General Science Physics Chapter 1 Measurements

Sr	Questions	Answers Choice
1	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
2	Which one of the least multiple:	A. Pico B. Femto C. Nano D. Atto
3	The information from far side of the universe are gathered by	A. Radio telescope B. Microscope C. Telescope D. Spectro scope
4	Which quantity has different dimension?	A. Tension B. Work C. Energy D. Torque
5	Silicon can be obtained from	A. Lead B. Uranium C. An isotope of oxygen D. Sand
6	Significant figures in 0.0010 are:	A. Four B. Three C. Two D. One
7	1 gm-cm^{-3} is equal to	A. 10^3 kg-m^{-3} B. $10^{-3} \text{ kg-m}^{-3}$ C. 1 kg-m^{-3} D. 10^6 kg-m^{-1}
8	1 gm-cm^{-3} is equal to:	A. 10^3 kg-m^{-3} B. $10^{-3} \text{ kg-m}^{-3}$ C. 1 kg-m^{-3} D. 10^6 kg-m^{-1}
9	Astrophysics is a branch of physics, which deals with:	A. Sub-atomic particles B. Stars and galaxies C. Light and sound D. Music
10	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
11	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
12	At the present time, the main frontiers of fundamental science are	A. 2 B. 3 C. 4 D. 5
13	The mechanics, which deals with the objects moving with velocities approaching that of light is called:	A. Relativistic mechanics B. Wave mechanic C. Quantum mechanics D. Statics
14	Number of supplementary units are	A. Three B. Two C. Seven D. Five

D. Five

15 For addition and subtraction purposes, absolute uncertainties are:

- A. Added
- B. Subtracted
- C. Multiplied
- D. Divided

16 Examples of physical quantities are:

- A. Length
- B. Color
- C. Effect of music
- D. All of these

17 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

18 From sand, we get a material used for construction with the motion of bodies under the action of forces is called:

- A. Optics
- B. Mechanics
- C. Thermodynamics
- D. Astrophysics

19 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

20 Physics deals with the study of

- A. Matter
- B. Energy
- C. Both of them
- D. Human Body