

ECAT Physics Chapter 1 Measurements

Sr	Questions	Answers Choice
1	Astrophysics is a branch of physics, which deals with:	A. Sub-atomic particles B. Stars and galaxies C. Light and sound D. Music
2	Silicon can be obtained from:	A. Lead B. Uranium C. An isotope of oxygen D. Sand
3	Number of supplementary units are	A. Three B. Two C. Seven D. Five
4	Silicon can be obtained from	A. Lead B. Uranium C. An isotope of oxygen D. Sand
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	In the equation $E=mc^2$ value of c is:	A. 1,86,000 miles per hour B. 1,86,000 miles per sec C. 3×10^8 m/sec D. Both A and C E. Both B and C
7	dimensions are the same for:	A. Work and energy B. Force and weight C. None of these D. Both a and b
8	The system international (SI) is built from _____ kind of unites	A. Two B. Three C. Four D. Five
9	Astrophysics is a branch of physics, which deals with	A. Sub-atomic B. Stars and galaxies C. Light and sound D. Music
10	Total number of base units are	A. Three B. Five C. Seven D. Nine
11	Significant figures in 0.0010 are	A. Four B. Three C. Two D. One
12	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
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	The information from far side of the universal are gathered by:	A. Radio telescope B. Microscope C. Telescope D. Spectro scpce
15	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

D. Statics

16 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

17 The quantity having dimension of ML^2T^{-02} will earth is:

- A. 80 sec
- B. 500 sec
- C. 1.802×10^4 sec
- D. Aerophysics

18 Significant figures in 0.0010 are:

- A. Four
- B. Three
- C. Two
- D. One

19 Particles have the mass smallest of following is:

- A. Electron
- B. Proton
- C. Neutron
- D. Quark

20 Physical quantities are often divided into _____ categories

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