ECAT Physics Chapter 1 Measurements

Sr	Questions	Answers Choice
1	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
2	Significant figures in 0.2020 are:	A. Two B. Three C. Four D. Five
3	In the equation $E=mc^2$ value of c is?	A. 186000 miles per hour B. 186000 miles per sec C. 3×10^8 m/sec D. Both A and C E. Both B and C
4	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
5	The information from far side of the universe are gathered by	A. Radio telescope B. Microscope C. Telescope D. Spectro scpe
6	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}
7	Significant figures in 0.0010 are:	A. Four B. Three C. Two D. One
8	Uncertainty is of following type/types:	A. Absolute B. Fractional C. Percentage D. All of these
9	The error may occur due to:	A. Negligence B. Faulty apparatus C. Inappropriate method D. all of these
10	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
11	Which quantity has different dimension?	A. Tension B. Work C. Energy D. Torque
12	Light year is a unit of	A. Time B. Distance C. Velocity D. Intensity of light
13	High energy physics is branch of physics, which deals with:	A. Stars and galaxies B. Sub-atomic particles C. Light and sound D. Molecules
14	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

15	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
16	Light year is a unit of:	A. Time B. Distance C. Velocity D. Intensity of light
17	Which one of the least multiple:	A. Pico B. Femto C. Nano D. Atto
18	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}
19	The information from far side of the universe are gathered by:	A. Radio telescope B. Microscope C. Telescope D. Spectro scope
20	Astrophysics is a branch of physics, which deals with:	A. Sub-atomic particles B. Stars and galaxies C. Light and sound D. Music