

## ECAT Pre General Science Physics Chapter 1 Measurements

Sr	Questions	Answers Choice
1	The system international (SI) is built from _____ kind of unites	A. Two B. Three C. Four D. Five
2	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
3	Aerodynamics is a branch of	A. Hydrodynamics B. Thermodynamics C. Both of them D. Statics
4	Significant figures in 0.0010 are:	A. Four B. Three C. Two D. One
5	The branch of physics, which deals with the structure an properties of solids is called:	A. Plasma physics B. Solid state physics C. Any of above D. Astro physics
6	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
7	Light year is a unit of:	A. Time B. Distance C. Velocity D. Intensity of light
8	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
9	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
10	Electron is a particle whose mass is:	A. Greater than that of a proton B. Smaller than that of a proton C. Smaller than that of a proton or a neutron D. Greater than that of an atom
11	Which quantity has different dimensions:	A. Work B. Pressure C. Energy D. Torque
12	The quantity have dimension of $ML^2T^02$ will have SI unit of:	A. Watt B. Newton C. Joule D. Metre
13	Significant figures in 0.0010 are:	A. Four B. Three C. Two D. One
14	Computer chips are made from	A. Conductors B. Semiconductors C. Insulators D. Both A and B
15	Astrophysics is a branch of physics, which deals with:	A. Sub-atomic particles B. Stars and galaxies C. Light and sound

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16 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

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17 The time taken by light to travel from moon to earth is:

A. 80 sec  
B. 500 sec  
C.  $1.802 \times 10^4$  sec  
D. Aerophysics

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18 The error may occur due to:

A. Negligence  
B. Faulty apparatus  
C. Inappropriate method  
D. all of these

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

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

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20 Physics is one of the branches of:

A. Social sciences  
B. Physical sciences  
C. Biological sciences  
D. Abstract art

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