

## Physics ECAT Pre Engineering Chapter 1 Measurement

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	The definite number of significant figures in 5000 is:	A. Four B. Three C. Two D. One
3	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
4	Aerodynamics is a branch of:	A. Hydrodynamics B. Thermodynamics C. Both of them D. Statics
5	Light year is a unit of	A. Time B. Distance C. Velocity D. Intensity of light
6	From sand, we get a material used for construction of computer chips. That material is called:	A. Germanium B. Silicon C. Copper D. Lead
7	Which one of the least multiple:	A. Pico B. Femto C. Nano D. Atto
8	Those quantities which can be measured accurately are known as	A. Physical Quantities B. Scalar Quantities C. Vector Quantities D. Non Physical Quantities
9	Significant figures in 0.0010 are:	A. Four B. Three C. Two D. One
10	The system international (SI) is built from _____ kind of unites	A. Two B. Three C. Four D. Five
11	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
12	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
13	1 gm-cm <sup>-3</sup> is equal to:	A. $10^{-3}$ kg-m <sup>-3</sup> B. $10^{-3}$ kg-m <sup>-3</sup> C. 1 kg-m <sup>-3</sup> D. $10^{-6}$ kg-m <sup>-1</sup>
14	Number of supplementary units are	A. Three B. Two C. Seven D. Five

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 quantity having dimension of  $ML^2T^{-2}$  will earth is:  
A. 80 sec  
B. 500 sec  
C.  $1.802 \times 10^4$  sec  
D. Aerophysics

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17 Significant figures in 0.0010 are:  
A. Four  
B. Three  
C. Two  
D. One

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18 The body of physics involves  
A. Structure of space and time  
B. Interaction of electromagnetic radiation with matter  
C. Both of them  
D. Chemical Changes

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19 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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20 Distance to nearest galaxy from earth is  
A.  $10^{10}$  m  
B.  $10^{15}$  m  
C.  $10^{40}$  m  
D.  $10^{30}$  m