

Physics ECAT Pre Engineering Chapter 1 Measurement

Sr	Questions	Answers Choice
1	Significant figures in 0.2020 are:	A. Two B. Three C. Four D. Five
2	Particles have the mass smallest of following is:	A. Electron B. Proton C. Neutron D. Quark
3	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
4	1 gm-cm ³ is equal to	A. 10 ³ kg-m ⁻³ B. 10 ⁻³ kg-m ⁻³ C. 1kg-m ⁻³ D. 10 ⁶ kg-m ⁻¹
5	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
6	Aerodynamics is a branch of:	A. Hydrodynamics B. Thermodynamics C. Both of them D. Statics
7	Light year is a unit of:	A. Time B. Distance C. Velocity D. Intensity of light
8	For multiplication and division purposes, percentage uncertainties are:	A. Add B. subtracted C. Multiplied D. Divided
9	The information from far side of the universal are gathered by:	A. Radio telescope B. Microscope C. Telescope D. Spectro scope
10	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
11	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
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	0.0001210 has _____ significant figures.	A. Four B. Three C. Seven D. Eight
14	The principle characteristics of an ideal standard are	A. Inaccessible and Invariable B. Accessible and Invariable C. Accessible and Variable D. None of these
		A. super - - - - -

- 15 A dimension stands for the _____ nature of certain physical quantity.
- B. Quantitative
C. Qualitative
D. Both B and C
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- 16 Radio telescope is used to gather information from
- A. Earth
B. Moon only
C. Far side of the universe
D. Sea water
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- 17 Those quantities which can be measured accurately are known as
- A. Physical Quantities
B. Scalar Quantities
C. Vector Quantities
D. Non Physical Quantities
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- 18 Significant figures in 0.0010 are:
- A. Four
B. Three
C. Two
D. One
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- 19 Aerodynamics is a branch of
- A. Hydrodynamics
B. Thermodynamics
C. Both of them
D. Statics
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- 20 Significant figures in 0.0010 are
- A. Four
B. Three
C. Two
D. One
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