

## Physics ECAT Pre Engineering Chapter 1 Measurement Online Test

Sr	Questions	Answers Choice
1	Which quantity has different dimension?	A. Tension B. Work C. Energy D. Torque
2	dimensions are the same for:	A. Work and energy B. Force and weight C. None of these D. Both a and b
3	Dimension of mass is written as:	A. M B. [M] C. (M) D. [m]
4	A dimension stands for the _____ nature of certain physical quantity.	A. super B. Quantitative C. Qualitative D. Both B and C
5	The maximum possible error in the reading for a meter rod with least count 1 mm is:	A. 0.005 mm B. 0.05mm C. 0.5mm D. 5.0mm
6	The maximum possible error in the reading of an instrument is _____ its least count.	A. Half of B. Quarter of C. Equal to D. Double than
7	For multiplication and division purposes, percentage uncertainties are:	A. Add B. subtracted C. Multiplied D. Divided
8	For addition and subtraction purposes, absolute uncertainties are:	A. Added B. Subtracted C. Multiplied D. Divided
9	Uncertainty is of following type/types:	A. Absolute B. Fractional C. Percentage D. All of these
10	The error may occur due to:	A. Negligence B. Faulty apparatus C. Inappropriate method D. all of these
11	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
12	The definite number of significant figures in 5000 is:	A. Four B. Three C. Two D. One
13	Significant figures in 0.2020 are:	A. Two B. Three C. Four D. Five
14	0.0001210 has _____ significant figures.	A. Four B. Three C. Seven D. Eight
15	The branch of physics which deals with the structure and properties of solids is called:	A. Plasma physics B. Solid state physics C. Any of above D. Astrophysics

