

Physics ECAT Pre Engineering Chapter 1 Measurement

Sr	Questions	Answers Choice
1	Which one is the least multiple	A. Pico B. Femto C. Nano D. Atto
2	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
3	Addition of 2.189 kg, 0.089 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
4	Aerodynamics is a branch of	A. Hydrodynamics B. Thermodynamics C. Both of them D. Statics
5	The principle characteristics of an ideal standard are	A. Inaccessible and Invariable B. Accessible and Invariable C. Accessible and Variable D. None of these
6	Distance to nearest galaxy from earth is	A. 10^{10} m B. 10^{15} m C. 10^{40} m D. 10^{30} m
7	From sand, we get a material used for construction of computer chips. That material is called:	A. Germanium B. Silicon C. Copper D. Lead
8	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
9	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
10	Which quantity has different dimension:	A. Work B. Pressure C. Energy D. Torque
11	The information from far side of the universe are gathered by:	A. Radio telescope B. Microscope C. Telescope D. Spectro scope
12	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
13	Relativistic mechanics is a branch of physics, which deal with the bodies moving with velocities:	A. More then c B. Approaching c C. Equal to c D. Much less than x
14	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
15	Astrophysics is a branch of physics, which deals with	A. Sub-atomic B. Stars and galaxies C. Light and sound

D. Music

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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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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

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The system international (SI) is built from _____ kind of unites

- A. Two
- B. Three
- C. Four
- D. Five

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1 gm-cm⁻³ is equal to

- A. 10^3 kg-m^{-3}
- B. $10^{-3} \text{ kg-m}^{-3}$
- C. 1 kg-m^{-3}
- D. 10^6 kg-m^{-1}

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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