Multiple Choice Questions

Q Encircle the correct answer from the given choices

i. In which of the following state molecules do not leave their position?

A. Solid B. Gas
C. Liquid D. Plasma

ii. Which of the substance is lightest one?

A. Aluminium B. Merecury
C. Copper D. Lead

iii. SI Unit of pressure is pascal, which is equal to

A. 10^4 Nm^-2 B. 1 Nm^-2
C. 10^-6 Nm D. 100 Nm^-3

iv. What should be the approximate length of glass tube to construct a barometer?

A. 0.5m B. 2.5m
C. 1m D. 11m

v. According to Archimedes upthrust is equal to

A. Weight of displaced liquid
B. Volume Volume of displaced liquid
C. Mass of displaced liquid
D. Nonre

vi. The density of a sunstance can be foung with the help of:

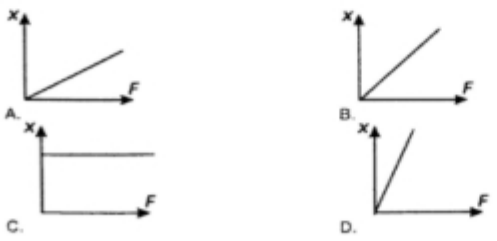
A. Pascal's Law B. Hook's Law
C. Archimedes principle D. Principle of location

vii. According to Hook's Law

A. Stress*Strain = constant B. Strain/Stress = constant
C. Stress/Strain = constant D.Stress=Strain

viii.

Answer the following questions(viii to x) by seeing this force-extension graph of a string



ix. Which graph does not obey Hooke's Law

A. A B. B
C. C D. D

x. Which graph gives the smallest value of sring constant?

A. A B. B
C. C D. D

xi. Which graph gives the largest value of sring constant?

A. A B. B
C. C D. D

Answers

i.A ii.C iii.B iv.B v.A vi.C vii.B
vii.C ix.D x.A

ClassNotes