

#Jenny



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#Rio



Cool! I'am really happy

#Markus Jensen



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My friends are so mad that they do not know how I have all the high quality ebook which they do not!

#Diego Butler



so many fake sites. this is the first one which worked! Many thanks

AglaSem Admiss

PART A – PHYSICS

ALL THE GRAPHS/DIAGRAMS GIVEN ARE SCHEMATIC AND NOT DRAWN TO SCALE.

1. It is found that a neutron is placed on the surface of the liquid, the fraction of its kinetic energy which is lost in the collision is $\frac{1}{3}$. The mass of the neutron is m_n and the mass of the nucleus is M . The nucleus is at rest before the collision. The mass of the nucleus is M . The nucleus is at rest before the collision. The mass of the nucleus is M .

2. The mass of a hydrogen molecule is 3.32×10^{-27} kg. If 10^{23} hydrogen molecules strike, per second, a fixed wall of area 2 cm^2 at an angle of 45° to the normal, and rebound elastically with a speed of 10^3 m/s , then the pressure on the wall is \dots

3. A solid sphere of radius r made of a soft material of bulk modulus K is surrounded by a liquid in a cylindrical container. A massless piston of area A floats on the surface of the liquid, covering entire cross-section of the container. When a force F is applied to the piston, the surface of the liquid, the fraction of the force which is lost in the compression of the liquid is \dots

4. Two batteries with e.m.f. 12 V and 13 V are connected in parallel across a load resistor of 10Ω . The internal resistances of the two batteries are 1Ω and 2Ω .

JEE Main 2018
Question
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$k = \frac{mg \times \frac{3}{4} dt}{\frac{1}{2} \pi r^2 \times \frac{3}{4} dt}$

$k = \frac{3mg}{2\pi r^2}$

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