IMPORTANT QUESTIONS

Q.1 Explain the term work and give its dimension and three of its units.

2002 P.E.

Q.2 Define the term potential Energy and Kinetic Energy. Establish a relation for the Kinetic Energy.

2002 P.E., 1993

Q.4 Define a conservative field. Prove that the gravitational field is conservative field.

2008, 2007 F, 2005 F, 2003 P.E, 2001

Q.5 Establish Work-Energy Equation.

2010, 2009 F, 2008, 2006 F, 2005, 2004, 2003 F, 2002 Supp., 1999, 1997, 1996, 1994.

Q.6 What is energy? State and explain the law of conservation of energy. Give two example.

2007, 2007 F, 2006 Supp., 2005 Supp., 2004 Supp., 2004 F, 1999, 1998, 1994.

Q.7 Write short note on Absolute Gravitational Potential energy.

1998,1992,2012

Q.8 Prove the relation: Power = $\vec{F}.\vec{V}$

2011, 2006 Supp. 2002 Supp.

Q.9 Define Energy, Mechanical, Kinetic Energy and Potential Energy

2006 Supp.