PHYSICS

1. The dimensions of angular momentum are: a) $[MLT^{-2}]$ b) $[MLT^{-1}]$ c) $[ML^2T^{-1}]$ d $[ML^2T^{-2}]$	
2. The dimensionally correct equation of E is: a) mc b) $\dfrac{m}{c}$ c) mc^2 d) m^2c^2	
3. The percentage uncertainty in measurement of mass and velocity are 2% and 3%, the maximum uncertainty in the measurement of kinetic energy is: a) 11% b) 8% c) 6% c 1%	
4. The quantity 1 (km^2) is equal to: a) $1 \times 106 m^2$ b) $1 \times 105 m^2$ c) $1 \times 102 m^2$ d) $1 \times 104 m^2$	
5. Dimensions of viscosity are: a) $[ML^{-1}T]$ b) $[ML^2T^{-1}]$ c) $[ML^{-1}T^{-1}]$ d) $[ML^{-1}T^{-2}]$	