

Id No : _____ Name : _____ Date : _____

Chapter : Work and Energy



Q. Why is the work done by the gravitational force negative?

Ans: _____

Q. Calculate the work done by the man.

Take $g = 10\text{ms}^{-2}$

Remember $F = m \times a$ (where $a = g$ acceleration due to gravity)



Q. Is the work done positive or negative? Ans : _____

Q. A porter lifts a luggage of 15 kg from the ground and puts it on his head 1.5 m above the ground. Calculate the work done by him on the luggage. Take $g = 10\text{ms}^{-2}$

Q. An object of mass 15 kg is moving with a uniform velocity of 4ms^{-1} . What is the kinetic energy possessed by the object?