



NURTURE INTERNATIONAL SCHOOL
(Affiliated to CISCE, New Delhi)
WORKSHEET (Tier-2)

Name: _____

Date: _____

Class: VII _____

Subject: Physics

Ques1. What are scalar and vector quantities?

Ques2. What is work?

Ques3. What is the potential energy?

Ques4. What is the elastic potential energy?

Ques5. What is uniform and non uniform motion?

QUES. FILL IN THE BLANKS.

1. A cat chasing a mouse has -----energy.
2. kinetic energy=-----
3. The unit of force is in CGS-----
4. Change in velocity is known as-----
5. The value of g is -----

SOLVE NUMERICALS:

QUES1. A boy pushes a stone by applying a force of 10N. find the work done by this force as the stone is displaced through 2 m along the direction of force.

QUES2. A Pump is used to lift 1500 kg of water through a vertical height of 10m. calculate the work done in operating the pump.