INDIAN SCHOOL DARSAIT
ENVIRONMENTAL STUDIES
REVISION WORKSHEET
FORCE, WORK,ENERGY& SIMPLE MACHINES

Class:V Sec: …. Date:

Name: …….. Roll No:……

Q.I Name the following.

a) The simple machine that you would find in a car _____
b) The cell that converts solar energy into electrical energy _____
c) Two fossil fuels _____
d) The simple machine that is used to lift a car _____
e) The energy that we get from the hot interior of the earth._____

Q.II Define the following.

a) Work

_____

_____

_____

b) Fulcrum

_____

c) Pulley

_____

_____

d) Wedge

_____

_____

e) Screw

_____

_____

f) Simple machines

_____

Q.III Cite reason

a) When we throw a ball upwards, after reaching a particular height it comes back to us.

_____

_____

_____

_____

Q.IV Answer the following

a) What is frictional force? Write two applications of it.

_____

_____

_____

_____

_____

b) What do you mean by energy? What are the different forms of energy?

_____

_____

_____

_____

c) What is hydro electricity?

_____

_____

d) What do you mean by force? State the effects of force.

_____

_____

_____

_____

e) List out the steps to be taken to save energy in your daily life.(Any 4)

_____

_____

_____

_____

_____

_____

_____

_____

Q.V What kind of energy conversion takes place in each of the following processes?

1.Burning of coal

_____

2. Working of a wind mill

_____

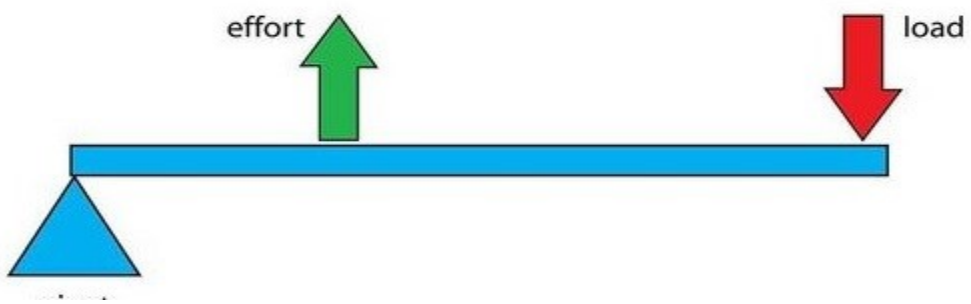
3.Working of a door bell

_____

Q.VI Observe the schematic representations of levers given below and do as directed.

a) Identify the type of levers

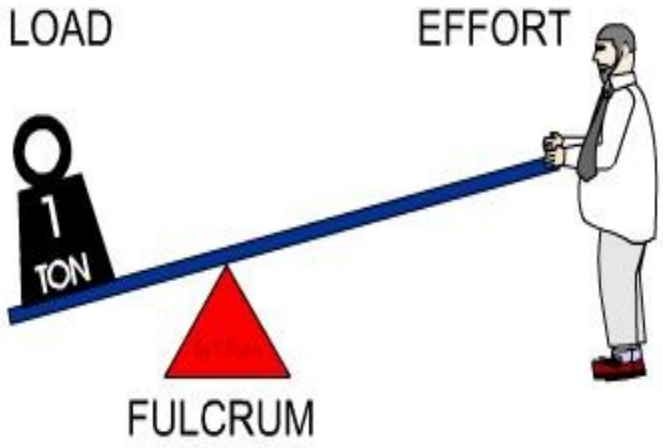
b) Give one example in each case



fulcrum

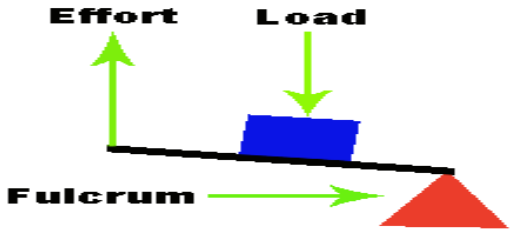
Type of lever:_____

Example : _____



Type of lever:_____

Example : _____



Type of lever:_____

Example :_____