

Work, Force and Energy

I. Define the following.

1. Energy – The ability to do work.
2. Friction – The force which stops and slows down the movement in a body is called friction.
3. Work – When a force moves an object, work is said to be done.
4. Gravity – The force which pulls the objects towards the earth.

II. Questions and Answers.

1. How electricity is generated by dams?
A. The dams use the power of flowing water called hydroelectric energy to generate electricity.
2. What are fuels? Give their uses.
A. The substances which have energy stored in them are called fuels. They are used to run machines, cars and for cooking.

III. Give Reason.

1. If a stone is thrown up, it comes down.
A. This is because the force of gravity pulls the stone towards the earth.