

THIRD CYCLE (2013-14)
CLASS V G.SCIENCE

ASSIGNMENT: 8 TOPIC: FORCE AND ENERGY

Q.1 FILL IN THE BLANKS

1. We apply muscular force when _____.
2. A rolling ball stops after sometime because of the _____.
3. Simple machine either changes the _____ or _____ the force applied.
4. Two types of pulley are _____ and _____.
5. _____ pulleys along with _____ are used to lift loads.
6. The purpose of pulley is to _____.
7. A wheel with a rod attached to it is known as _____.
8. _____ is a simple machine used to hold things tightly together.
9. Bigger screws called _____ are used to lift cars and other heavy objects.
10. _____ is the ability to do work.
11. _____ is the energy which is possessed by an object due to its motion or due to its position.
12. A drawn bow possesses mechanical energy due to its _____.
13. _____ absorbs the energy of the sun to provide heat for cooking.

14. _____ is the conversion of wind energy into a useful form such as electricity, using wind turbines.

15. Sound is _____ transmitted through solid liquid or gas.

16. _____ force arises when a body deforms

17. Levers can be classified according to the position of the _____ , _____, and _____.

Q.2 Give e.g. of:-

- a) Frictional force.
- b) Elastic force
- c) Mechanical force
- d) Buoyant force.
- e) First class Lever
- f) Second class Lever
- g) Third class lever