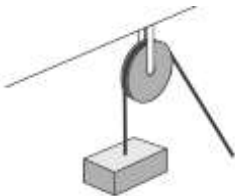


CLASS-5 SCIENCE WORKSHEET

CHAPTER 14: FORCE, ENERGY AND SIMPLE MACHINES

- 1) Fill in the blanks:
 - a) _____ was the first to propose the idea of gravity.
 - b) Photovoltaic cell is an example of _____ energy.
 - c) _____ Slope requires less effort.
 - d) Most simple machines make use of _____ force.
- 2) State whether the following are true or false and also state the reason.
 - a) Most schools, colleges and hospitals have ramps.
 - b) A nail is better than screw.
 - c) You can't walk easily on smooth floor.
 - d) A pair of scissors is an example of third class lever.
- 3) What is a lever? Explain its three parts along with a labelled diagram.
- 4) Differentiate between:
 - a) Force and work
 - b) Solar energy and wind energy
 - c) Fixed pulley and movable pulley.
- 5) Mention any four effects of force.
- 6) Give the functions of following:
 - a) Wheel and axle
 - b) Wedge
 - c) Inclined plane
- 7) Mention the classification of the following simple machines.(if lever , also mention its class).



- 8) Complete the following crossword puzzle with the help of provided hints.

Across:

2. This force keeps us on earth.
3. The part of lever; a fixed point.
5. Helps lift heavy cars using less effort
7. Energy stored in muscles.

Down:

1. Electricity obtained from dams
4. A simple machine
6. An example of wedge.
8. another name for buoyant force.

