



**Q -4 Match the following**

**Column A**

- 1) Ramps
- 2) Clean water
- 3) First artificial satellite
- 4) Renewable resource

**Column B**

- a) Sputnik-1
- b) inclined plane
- c) sunlight
- d) transparent object

**Q- 5 Rectify the incorrect statements:-**

- a) The energy of an object due to its movement is called kinetic energy.
- b) In first-class lever, the fulcrum is not in between the load and the effort.
- c) LED is a natural source of light.
- d) The increasing size of the lighted part of the moon is called navigation.

**Q- 6 Answer in one word:-**

- a) Name the force that helps us to walk.
- b) Name a machine that turns around a fixed point.
- c) Name an artificial source of light.
- d) Name the first Indian artificial satellite.
- e) Name any one natural resource.

**Q- 8 Answer the following short questions: -**

- 1) What is energy?
- 2) What is meant by fulcrum?
- 3) What are opaque objects? Give two examples.
- 4) What are artificial satellites?
- 5) Differentiate between renewable and non- renewable natural resources.

**Q- 9 Answer the following questions in detail: -**

- 1) Name the different types of forces and explain any two.
- 2) What is a lever? Describe the different classes of lever.
- 3) Explain how day and night occur.
- 4) Which human activities are responsible for increasing greenhouse effect?

**Q- 10 High Order Thinking Skill Questions:**

- A) Destruction of forests leads to global warming. Justify.
- B) Why are shadows not formed on a cloudy day?

**Q- 11 Value Based Questions:**

Rohan was unable to push the wheelchair of his grandmother. Priya provides him an inclined plane.

- a) Why does Priya provide an inclined plane?
- b) What value do you learn from Priya?

**Q-12 Draw a labelled diagram of lever along with its different parts.**