



(f) Force of earth that pulls objects towards it.

(g) Natural satellite of the Earth.

(h) First spaceflight to land on the Moon.

(i) Hot liquid rock.

(j) Volcano that erupt any time.

**3. Fill in the blanks-**

(8x1=8)

(a) Lava cools down to form \_\_\_\_\_ rocks.

(b) During \_\_\_\_\_ tidal waves travel at a very high speed.

(c) Man made satellites are called\_\_\_\_\_.

(d) Three parts of the Earth are \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_.

(e) A pair of scissors is a\_\_\_\_\_ class lever.

(f) Solar cooker use\_\_\_\_\_ energy for cooking food.

(g) \_\_\_\_\_ are useful raw materials.

(h) We should use\_\_\_\_\_ and \_\_\_\_\_ to take a bath.

**4. State whether the following statements are true or false-**

(8x1=8)

(a) Bicycles have a pulley.

(b) Energy cannot be destroyed.

(c) A lever consists of three parts.

(d) Pluto is a dwarf planet.

(e) The sun holds the planets with its gravitational force.

(f) The Moon has a thin layer of atmosphere called corona.

(g) Dormant volcanoes can erupt any time.

(h) Tsunami cause major destruction at seashores.

**5. Short answer questions: (Do any eight)**

(8x3=24)

- (a) What are natural disasters?
- (b) Why should fishermen not go near the seashores when there is a high tide?
- (c) How is the Moon different from the Earth?
- (d) What are gas giants and ice giants?
- (e) Name the minerals found in the Earth's crust.
- (f) What are simple machines? Name the types of simple machines.
- (g) What is energy? Why is it generated not destroyed?
- (h) Mention any three ways of saving water.
- (i) What is an epicenter?

**6. Long answer questions- (Do any two)**

(2x5=10)

- (a) What is an eclipse? Define solar and lunar eclipses.
- (b) How does a volcano erupt? How is lava different from magma?
- (c) What is mechanical energy? Describe the two types of mechanical energy.

**7. Draw the following diagrams.**

(5x2=10)

(a) (b)