



# INDIAN SCHOOL AL WADI AL KABIR

<b>Class: VII</b>	<b>Department: SOCIAL SCIENCE</b>	
<b>Worksheet No: 8</b>	<b>Topic: Our Changing Earth</b>	<b>Year:2021-22</b>

<b>I</b>	<b>Fill in the blanks:-</b>
1	The place on the surface of the Earth above the focus is called as _____. (a) <b>Epicenter</b> (b) Focus                      (c) Vent                      (d) Wave
2	The lithospheric plates move around very slowly, in a few _____ each year. (a) Meters                      (b) <b>Millimeters</b> (c) None of these                      (d) Centimeters
3	When the grains are very fine and light, the wind can carry it over for a long distances. The same way which the wind carries the sand and deposits in a large area is called _____. (a) Mushroom rocks                      (b) <b>Loess</b> (c) Sand dunes                      (d) Moraines
4	The magnitude of the earthquake is measured on the _____. (a) Seismograph                      (b) None of these                      (c) Delta                      (d) <b>Richter scale</b>
<b>II</b>	<b>State True or False:-</b>
1	The collection of sediments from all the river mouths forms a delta - <b>True</b>
2	The molten magma inside the earth moves in a triangular manner - <b>False</b>
3	Weathering is the breaking up of the rocks on the earth's surface - <b>True</b>
4	Slow movements like earthquakes and volcanoes cause mass destruction over the surface of the earth - <b>False</b>
<b>III</b>	<b>Match the following: -</b>
1	Work of ice                      (a) Coastal landforms
2	Work of a river                      (b) Glaciers
3	Work of Sea Waves                      (c) Sand
4	Work of wind                      (d) Levees
	<b>1 – b      2 – d      3 – a      4 – c</b>
<b>IV</b>	<b>Answer the following questions in one sentence:-</b>
1	What is 'Seismograph'? ❖ <b>A seismograph is a machine which measures an earthquake.</b>
2	Name the two processes which wear away the landscape. ❖ <b>The two processes which wear away the landscape are weathering and erosion.</b>
3	What do you know about the lithospheric plates? ❖ <b>The earth's crust consists of several large and some small, rigid, irregularly - shaped plates (slabs) which carry continents and the ocean floor.</b>
<b>V</b>	<b>Answer in brief :-</b>
1	What is an earthquake? What are the common earthquake prediction methods?

- ❖ When the lithospheric plates move, the surface of the earth vibrates.
- ❖ The vibrations can travel all around the earth.
- ❖ These vibrations are called earthquakes.
- ❖ Some common earthquake prediction methods include studying animal behaviour, fish in the ponds get agitated, and snakes come to the surface.

- 2 Mention the work of ice.
- ❖ Glaciers are rivers of ice that erode the landscape by destroying soil and stones to expose the solid rock below.
  - ❖ Glaciers carve out deep hollows.
  - ❖ As the ice melts they get filled up with water and become beautiful lakes in the mountains.
  - ❖ The material carried by the glacier such as rocks big and small, sand and silt gets deposited.
  - ❖ These deposits form glacial moraines.

- 3 What is a volcano? Draw a neat and labelled diagram of a volcano.
- ❖ A volcano is a vent or opening in the earth's crust through which molten material erupts suddenly.

