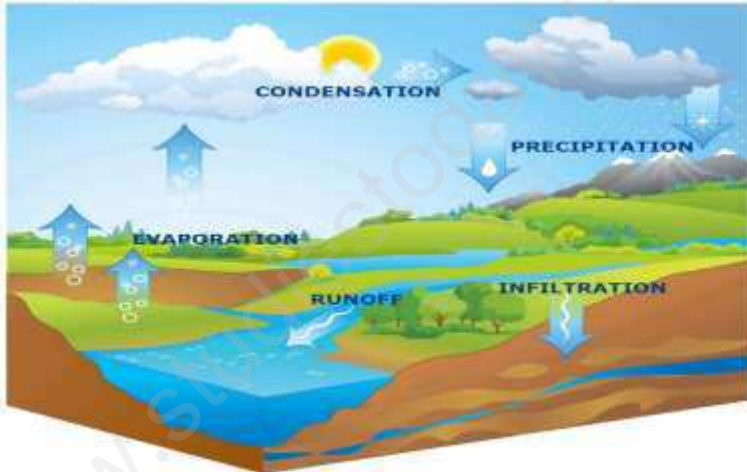


	OUR EARTH	
Q.1)	Explain the role nitrogen in atmosphere?	
Sol.1)	The high content of nitrogen is a boon. It slows down the rate of burning under control.	
Q.2)	Mention the conditions essential for the existence of life?	
Sol.2)	Atmosphere, Water, Sunlight, Heat and Food.	
Q.3)	Mention the main process that help in the circulation of water in nature?	
Sol.3)	<p>Main process that help in circulation of water in nature is evaporation &amp; condensation.</p> <p>The process of conversion of water into its vapour is known as evaporation. Evaporation of water takes place continuously from oceans, river &amp; other water bodies such as lakes and ponds. The water vapour becomes a part of the atmospheric air. The water vapour present in air move to different places along with the wind. When vapour reach a certain height, they get cooled and turned into very tiny water droplets. These droplets become visible to us in the form of clouds. Ultimately, the water comes down to the surface in the form of rain or snow. This process of conversion of vapour into water is known as condensation.</p> <p>Circulation of water by evaporation and condensation in this manner is known as water cycle.</p>  <p style="text-align: center;">Water cycle</p>	
Q.4)	What happens to water when wet clothes dry?	
Sol.4)	The water vapour present in the clothes mixes in the air and moves to different places along with the wind.	
Q.5)	Name of the planets of the solar system?	
Sol.5)	Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune and Pluto.	
Q.6)	Name four spheres of the earth system?	
Sol.6)	Lithosphere, hydrosphere, atmosphere and living organism(plants & animals)	
Q.7)	State the conditions that are not present on Venus and Mars for the existence of life?	
Sol.7)	It is fact that the two planets have some similarities with the earth. But Venus does not have oxygen and is much hotter than the earth. It does not have sufficient water and oxygen. On Mars, also we don't get thicker atmosphere. The thin atmosphere on it consists of mainly nitrogen. It does not have water also.	
Q.8)	What would happen to the living organisms on the earth if its atmosphere disappears?	
Sol.8)	If the atmosphere disappears the life on the earth will cease to exist.	
Q.9)	Which of the following is not a planet? Mercury, Saturn, Mars and Moon.	

Sol.9)	Moon.	
Q.10)	Why do mountaineers carry oxygen cylinders with them?	
Sol.10)	The more high up above the earth's surface we move, the more thinner the air becomes. That is why, mountaineers carry oxygen cylinders with them.	

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