

Azaan International School

Grade: V

Worksheet

Subject: Science

Name: _____ Date: _____ Roll No: ____ Sec: _____

Chapter: 11 Weight, Volume and Density

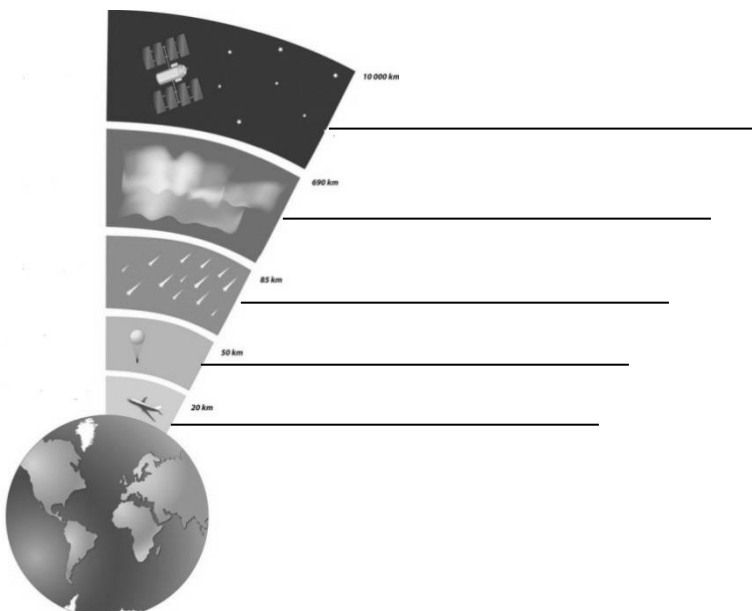
Chapter: 13 Air and Water

Chapter: 16 Natural Calamities

I. Tick the correct options.

1. A volcanic eruption can cause a/an _____.
a. earthquake b. cyclone c. storm d. drought
2. A _____ can lead to a famine.
a. drought b. flood c. cyclone d. tsunami
3. _____ blocks the harmful ultraviolet rays of the Sun.
a. ozone b. nitrogen c. argon d. oxygen
4. _____ process gives purest form of water suitable for drinking.
a. decantation b. filtration c. distillation d. sedimentation
5. If the weight of an object is greater than the up thrust, the object
a. floats on water b. sinks in water c. first sink and then float d. first float and then sink
6. When an object is immersed in water, it
a. loses weight b. gains weight c. becomes weightless d. neither loses nor gains weight

II. Write the names of the five layers of the atmosphere in the picture. Then, write one important feature/use of each layer, in the blanks given.



- a. _____
- b. _____
- c. _____
- d. _____
- e. _____

III. Complete the sentences with words from the help box.

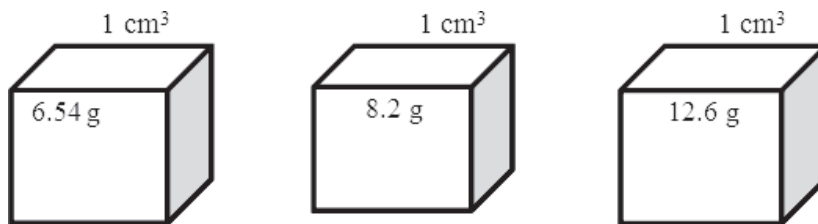
chlorination	alum	impurities	purify	disinfect	sediment
sunlight	sedimentation	filtration	insoluble	undisturbed	

Water is purified in a water treatment plant before being distributed to houses in towns and cities. It goes through the processes of _____, _____ and _____. In the _____ process, water is left _____ in large tanks for a few days. Heavy _____ sink and _____ at the bottom. _____ kills many harmful bacteria. Chemicals like _____ are also added to purify the water. In the _____ process, the water is allowed to flow through a sand bed to remove _____ particles. In the _____ process, a small amount of chlorine is added to the water to _____ it and kill the remaining bacteria.

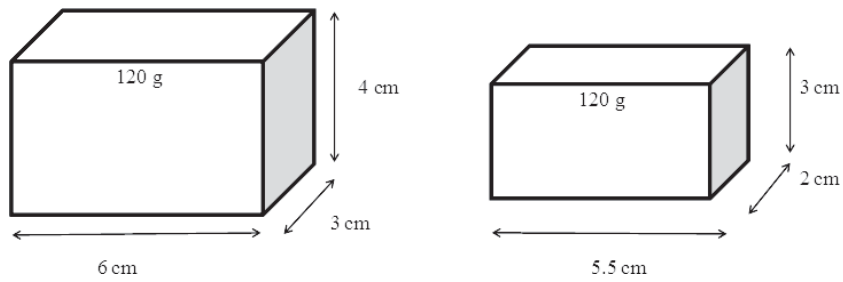
IV. Name the following:

- a. The sections that the Earth's crust is broken into: _____
- b. The instrument to measure the intensity of earthquakes: _____
- c. A giant wave usually caused by an underwater earthquake: _____
- d. A long period of no rain or less rain than usual: _____

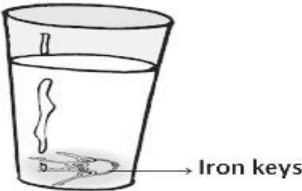

V. Which material is the densest? (i), (ii) or (iii)? Give reason.



VI. Which material is denser? (i) or (ii)? Give reason.



VII. Tick the correct choice. We know that density = $\frac{\text{Weight}}{\text{Volume}}$

<p>a.</p> 	<p>b.</p> 
<p>The density of the iron keys is (greater/ lesser) than that of water. So, the pushing force of the iron keys is (greater/lesser) than that of water.</p>	<p>The density of wood is (greater/lesser) than that of water. So, the pushing force of wood is (greater/lesser) than that of water.</p>

VIII. Complete the sentences.

1. Earthquakes can cause people to lose _____ and loved ones.
2. Cyclones are common occurrences in the _____ of India.
3. Tidal waves are high waves caused by _____.
4. Wind erosion strips the _____.
5. A drought is a dry period, with rainfall far _____.