



Subject: Grade 6 Natural Sciences

Topic: Water pollution

Total: 34 Marks

1. acids 2 marks

Explanation:

Natural elements in water included calcium, magnesium, oxygen, carbon dioxide, hydrogen and salt to name a few.

2. C: aeration 4 marks

Explanation:

Bacteria are needed to clean the water, however they need oxygen to stay alive and healthy, so air is bubbled through the water. This is called aeration. Sedimentation is where the water is left to settle so that the heavy materials in the water will form a layer at the bottom of the water and the lighter unwanted particles like plastic will form a layer at the top. It is then easier to remove these materials out of the water once they have settled.

3. raw | solid | dirty 6 marks

Explanation:

4. D: temperature 4 marks

Explanation:

The temperature of the day as well as how much activity you do will effect the amount of water your body needs, as you will perspire.

5. clean | unsafe | dangerous 6 marks

Explanation:

This sign indicates that the water source is polluted. The water is not safe to drink or swim in. It could be very dangerous to your health if consumed.

6. false 2 marks

Explanation:

Humans, animals and plants need fresh water every day, therefore we need to clean the water at water treatment plants in our towns. We need to be able to have enough water for our daily activities, like showering and watering the garden, brushing our teeth and cooking our food.

7. purify | purification 3 marks

Explanation:

8. treatment | water treatment | water treatment plant | purification | water purification | water purification plant 3 marks

Explanation:

The process of cleaning the water is called water treatment, and the place where it happens is called a water treatment plant.

9. D, C and B 2 marks

Explanation:

10. true 2 marks

Explanation:

Total: 34 Marks