



Student name:(5/.....)

20

Question 1 : look for picture thin answer :.

1- What is name of source water which show in pictures ?

Frozen water – ice cap

2- How many percentage of this source of water?

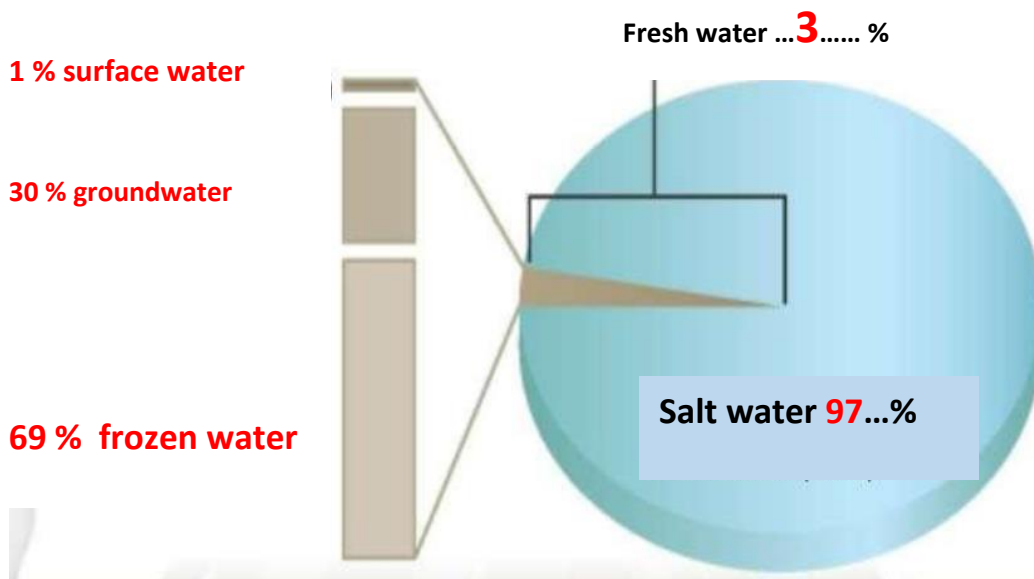
69 %

3- Are this water salt or fresh water ?

Fresh water



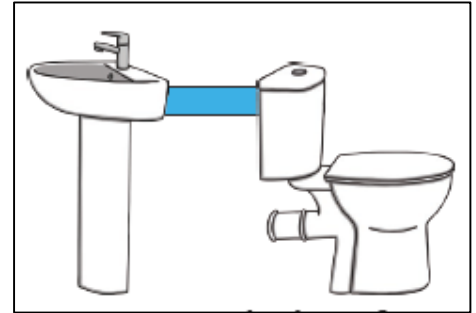
Question 2 : Write sources of water with percentage:



Q3: Answer about following question:

1-Which way of conservation that show in picture?

Reuse



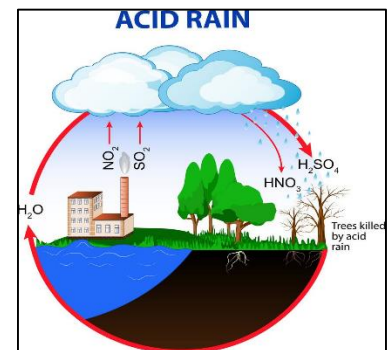
2-What are causes of water pollution?

- **Oil spill**
- **algal bloom**
- **Wastes of factories**



3-Write one negative effect of acid rain?

It has a harmful effect on trees, fresh water and soil.

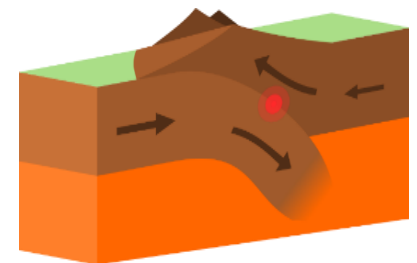


4-How we can reduce of effect of acid rain?

Reducing the burning of fossil fuels.

5-What will happen when one tectonic plate moves to below other plate?

As a plate melt then molten rocks rise up, volcano or volcanic islands can form.

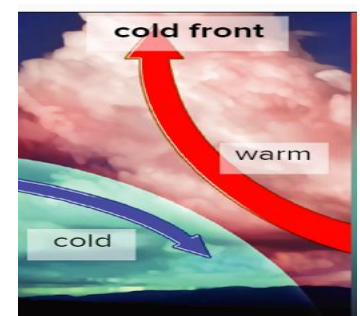


6-Explain why this front is called cold front?

Because Cold air mass pushes warm air mass .

7-What is weather will result in this front?

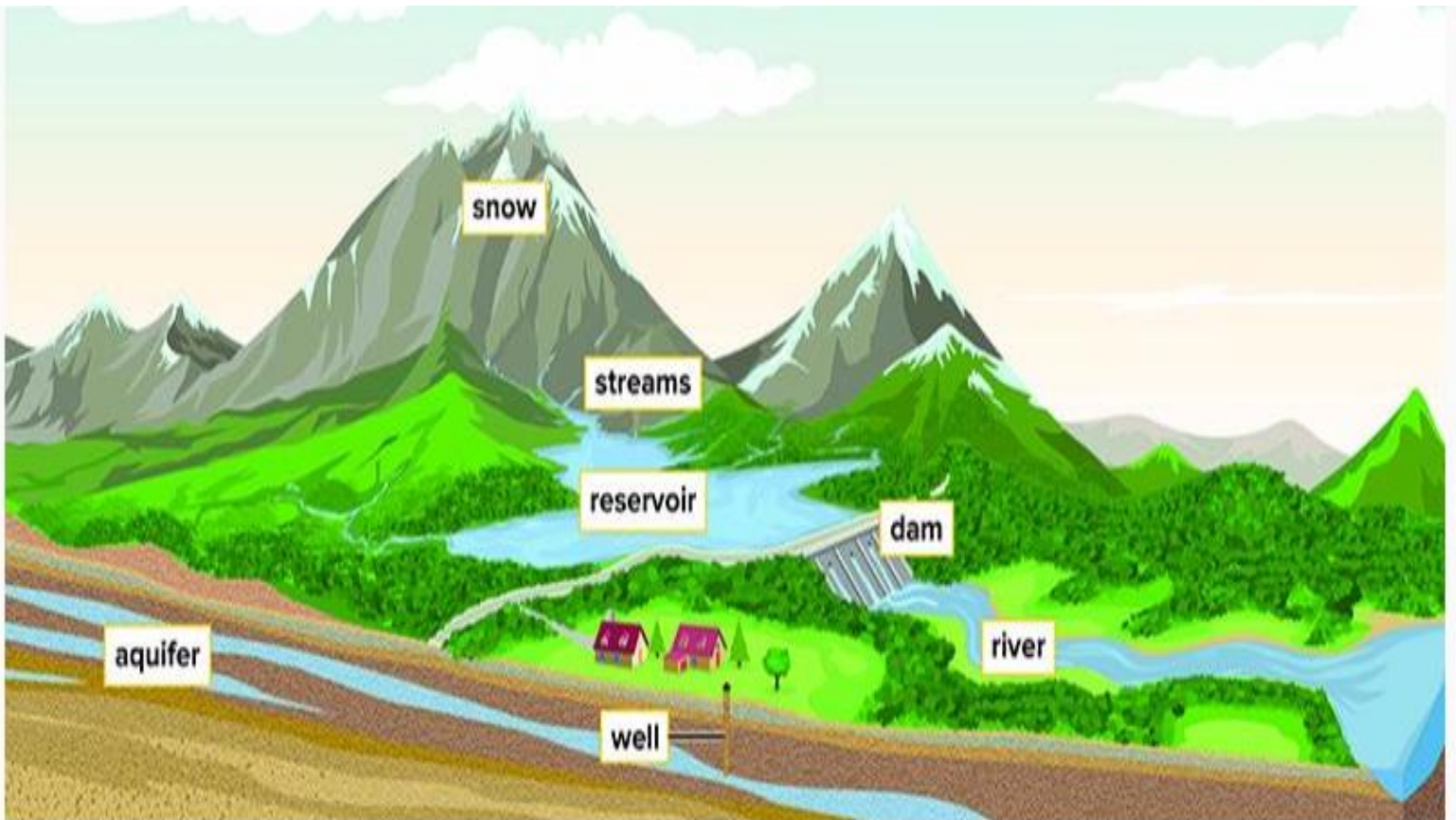
Stormy weather.



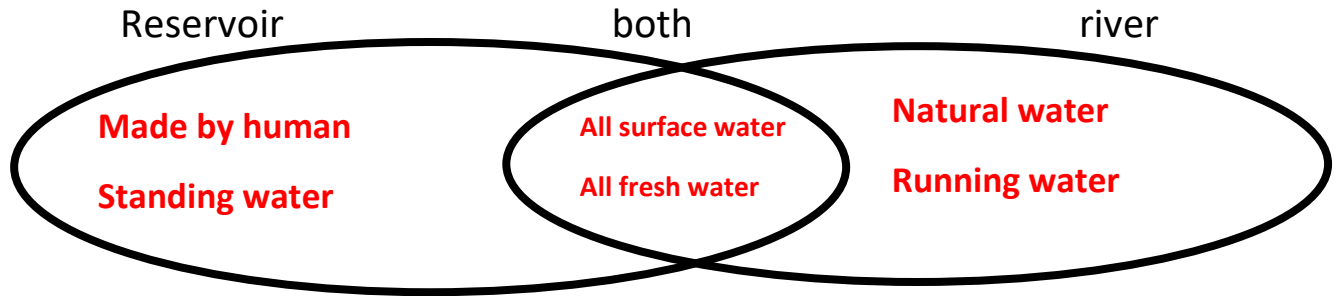
Question 4: write number of definition term of next definition:

	Term	Definition
6	Deposition	1-Process to store water on the ground by human .
3	Reuse	2-A rapid growth of algae caused by too much fertilizer
8	weather	3-using water for something else or more than once.
7	volcano	4-Sulfur dioxide and nitrogen oxide mix with water in the air.
2	Algal bloom	5-Any harmful substance that affects earth's resources.
5	Pollution	6-when eroded pieces of rock and soil are left in a new area.
4	Acid rain	7-an opening in the Earth's crust where molten rocks flow to the surface.
1	Storage	8-The condition of the atmosphere at given time and place.

Question 5: Write names of freshwater





Question 6: Compare between reservoir and river?



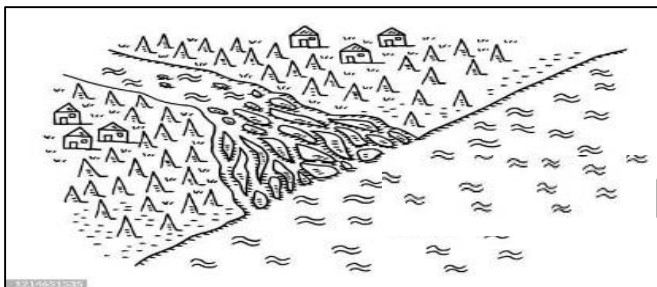
Question 7: Arrange the steps of algal bloom formation:

1. **(4)** Algal bloom harms organisms that live in the water ecosystem .
2. **(3)** Fertilizer causes the fast growth of algae.
3. **(2)** Heavy rain washes fertilizer from the soil into the water environment.
4. **(1)** Fertilizers are added to plants and food crops.

Question 8 : compare between fast and slow running water :

River		
Speed of river (fast / slow)	slow	Fast
Size sediment which carried it (larger / smaller)	smaller	larger

Question 9 : write name of landform:






Delta



alluvial fan

Question 10: Write name of following picture :

Extinct volcano – active volcano – dormant volcano

		
dormant volcano	active volcano	Extinct volcano

Question 11 : Compare between types of soil :

	Grassland soil	Forest soil	Deseret soil
Mount of humus in Soil (little – rich)	Rich	Little	little
Rain wash mineral in deep (yes – no)	yes	no	no

Question 12 : Look to next table then answer :



Weather Report		
Day	Temperature High / Low	Conditions
Monday	90° / 72°	Sunny
Tuesday	83° / 73°	Stormy
Wednesday	80° / 68°	Stormy
Thursday	84° / 76°	Partly Cloudy
Friday	87° / 73°	Sunny

Which day was the hottest? **Monday**

Which night was the coolest? **Wednesday**

Which day better to play outdoor on Tuesday or Friday? **Friday**

Q5: Choose the correct answer:

<p>1-All gases around earth planet.</p> <p>A. Hydrosphere B. Atmosphere C. Geosphere D. biosphere</p>	<p>2-What is usable freshwater?</p> <p>A. Water that can only be found in the oceans. B. A salty water source. C. A water source that can be used for drinking and farming. D. Water that humans cannot drink.</p>
<p>3-All living things on earth are part of the....</p> <p>Biosphere Geosphere Hydrosphere Atmosphere</p>	<p>4-Which of these would you be doing if you are interacting with the geosphere?</p> <p>A. swimming in the summer. B. building house on earth surface. C. sailing and fishing in the morning. D. breathe oxygen.</p>
<p>5-What happens when erosion and deposition work together?</p>  <p>A. New Mountains are formed B. The climate changes overtime C. Metal pieces become rusty D. They change the Earth's surface.</p>	<p>6-Which of these are an example of erosion?</p> <p>A. Light Shinning on a mountain. B. Rain breaking down rock. C. Rain wash soil away from farm. D. All of the above</p>
<p>7-How are glaciers and oceans similar?</p> <p>A) Both contain salt water and are difficult for humans to use. B) Oceans contain salt water and glaciers contain fresh water, and both are easy for humans to use. C) Both contain freshwater and are difficult for humans to use. D) Oceans contain salt water and glaciers contain fresh water, but both are difficult for humans to use.</p>	<p>8-Amna goes to the same beach with her family every summer. This year she noticed that the beach was smaller than last year. What might have caused the beach to change over the years?</p>  <p>A. A volcano erupted and lava flowed over the beach. B. The cold weather caused the beach to change. C. Wind and water eroded the beach. D. Oxygen in the air reacted with the sand.</p>

<p>9-Which of the following provides the best example of an interaction between the hydrosphere and the atmosphere?</p> <p>A. Carbon dioxide gas is released into the air by living things.</p> <p>B. Consistent patterns of wind change the shape of landforms.</p> <p>C. The oceans release heat energy that makes climate milder.</p> <p>D. Water vapor in the air is taken into plants through their leaves.</p>	<p>10-When rivers drop sediments into lakes or oceans, it is called _____</p> <p>A. deposition</p> <p>B. surface change</p> <p>C. erosion</p> <p>D. moving water</p>
<p>11-Which is an interaction between the geosphere and the atmosphere?</p> <p>A. Organism break down of rock.</p> <p>B. Volcanic eruption eject gas into air.</p> <p>C. When Human breathe</p> <p>D. Fishing in the morning.</p>	<p>12-Describe the type of precipitation that occurs when falling through an atmosphere that is warm/hot.</p> <p>A. Rain</p> <p>B. Snow</p> <p>C. Sleet</p> <p>D. Freezing Rain</p>
<p>13-Erosion is an example of interactions between which two systems?</p> <p>a) The biosphere and hydrosphere</p> <p>b) The geosphere and atmosphere</p> <p>c) The atmosphere and hydrosphere</p> <p>d) The atmosphere and biosphere</p>	<p>14-Large body of air with the same temperature and moisture is called?</p> <p>A. warm front</p> <p>B. cold front</p> <p>C. air mass</p> <p>D. jet stream</p>
<p>15-When air masses meet is called what?</p> <p>A. Air Mass</p> <p>B. Front</p> <p>C. Weather</p> <p>D. Climate</p>	<p>16-Type of front: two air masses meet but neither is being move.</p> <p>A. Warm</p> <p>B. Cold</p> <p>C. Occluded</p> <p>D. Stationary</p>

17-Climate is:

- A. **Pattern of weather over a long period of time**
- B. The weather report for the day
- C. The changing of weather throughout the day
- D. None of the above

18-What type of storm is this?

- A. Tornado
- B. **Hurricane**
- C. Tsunami
- D. Thunderstorm



19-What will happen when cold, dry air mass meet with warm, humid air mass?

- A. Thunderstorm
- B. Tornadoes
- C. Tropical storms
- D. **Winter storms**

20- water treatment facilities are

- A. Reduce
- B. Reuse
- c. **Recycle**