



Cosmo School

Class: 6

Subject: English 1st Paper

Date: 12/10/20

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Lecture

Lesson-33–Too Much or Too Little

What is Flood?

Floods occur because of heavy rains, a river overflowing, broken dam or levy, a tsunami, dangerous coastal procedures, natural ground saturation, infrastructure failures, winter storms or melting snow. A **flood** happens when an overflowing water submerges a dry land.

What Causes Floods?

- ❖ Heavy Rains. The simplest explanation for **flooding** is heavy rains. ...
- ❖ Overflowing Rivers. ...
- ❖ Broken Dams. ...
- ❖ Urban Drainage Basins. ...
- ❖ Storm Surges and Tsunamis. ...
- ❖ Channels with Steep Sides. ...
- ❖ A Lack of Vegetation. ...
- ❖ Melting Snow and Ice.

IMPACT OF FLOODING ON HUMANS

- ✓ Flooding has a range of impacts on humans including:
- ✓ people can be injured or killed by flooding

- ✓ floodwater is often contaminated with sewage, which can lead to illness and affect clean drinking water
- ✓ power supplies can be disrupted
- ✓ businesses can be forced to shut down
- ✓ services such as hospitals and schools can close
- ✓ transport networks can be affected, such as flood damage to bridges, railways and roads
- ✓ homes and properties can be flooded
- ✓ people may have to move out of their properties until flood damage is repaired
- ✓ possessions can be damaged and washed away

IMPACT OF FLOODING ON THE ENVIRONMENT

Flooding has a range of impacts on the environment including:

- ✓ wildlife habitats can be destroyed by floodwater
- ✓ contaminated floodwater can pollute rivers and habitats
- ✓ silt and sediment can destroy crops on farms
- ✓ river banks and natural levées can be destroyed as rivers reach bankfull capacity
- ✓ rivers can be widened and deposition can increase downstream
- ✓ trees can be uprooted by high-velocity water flow
- ✓ plants that survive the initial flood may die due to being inundated with water

How To Prevent Flood?

- Introduce better flood warning systems

- Modify homes and businesses to help them withstand floods
- Construct buildings above flood levels
- Tackle climate change
- Increase spending on flood defences
- Protect wetlands and introduce plant trees strategically
- Restore rivers to their natural courses
- Introduce water storage areas

Drought

Drought has long been considered to be a hazard responsible for ups and downs of many civilizations in the world. Drought occurs when rainfall is absent for a prolonged period of time, causing earth to parch, wells to dry, underground water to fall, crops to wither leading to crop failure and scarcity of fodder for livestock. Because of meagre supply of water, food and fodder both humans and livestock suffer untold miseries. Drought extends its ominous tentacles slowly but surely. In Bangladesh, drought in the northern districts is very common. The hydrological and climate conditions of Bangladesh are characterized by 'too much water in the wet monsoon season and too little water in the dry months, creating a drought environment. Now it is the Bengali month of Sravan and the rainy season is going to be over but there has not been enough rain. Rainfall in June was 37% below average and in July 21-22% lower than average. The bad weather of this monsoon may put many farmers in a difficult situation. So, the government should take a long-

term mitigation programme in order to alleviate the effects of drought.

Worksheet -3

Answer the following questions:

- 1. What is flood?**
- 2. What are the causes of flood?**
- 3. What are the effects of flood?**
- 4. How to prevent flood?**
- 5. Write ten sentences about drought.**