



A YE MASTERCLASS

CLEAN DREAMS FOR SACRED STREAMS

**Dive into Rivers, Festivals, and
Water Pollution—*WITH A FUN DIY!***

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Why Rivers?
How do they affect us?

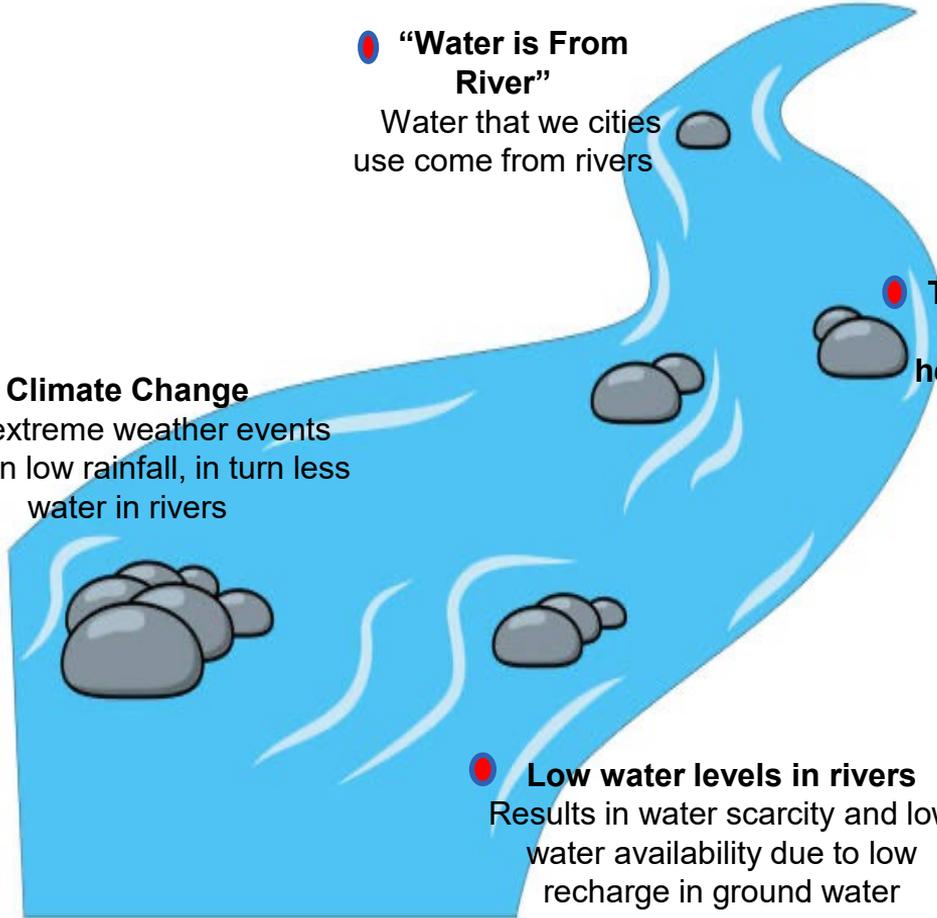


Climate Change
The extreme weather events result in low rainfall, in turn less water in rivers

“Water is From River”
Water that we cities use come from rivers

To beat the scorching summer heat, water is important

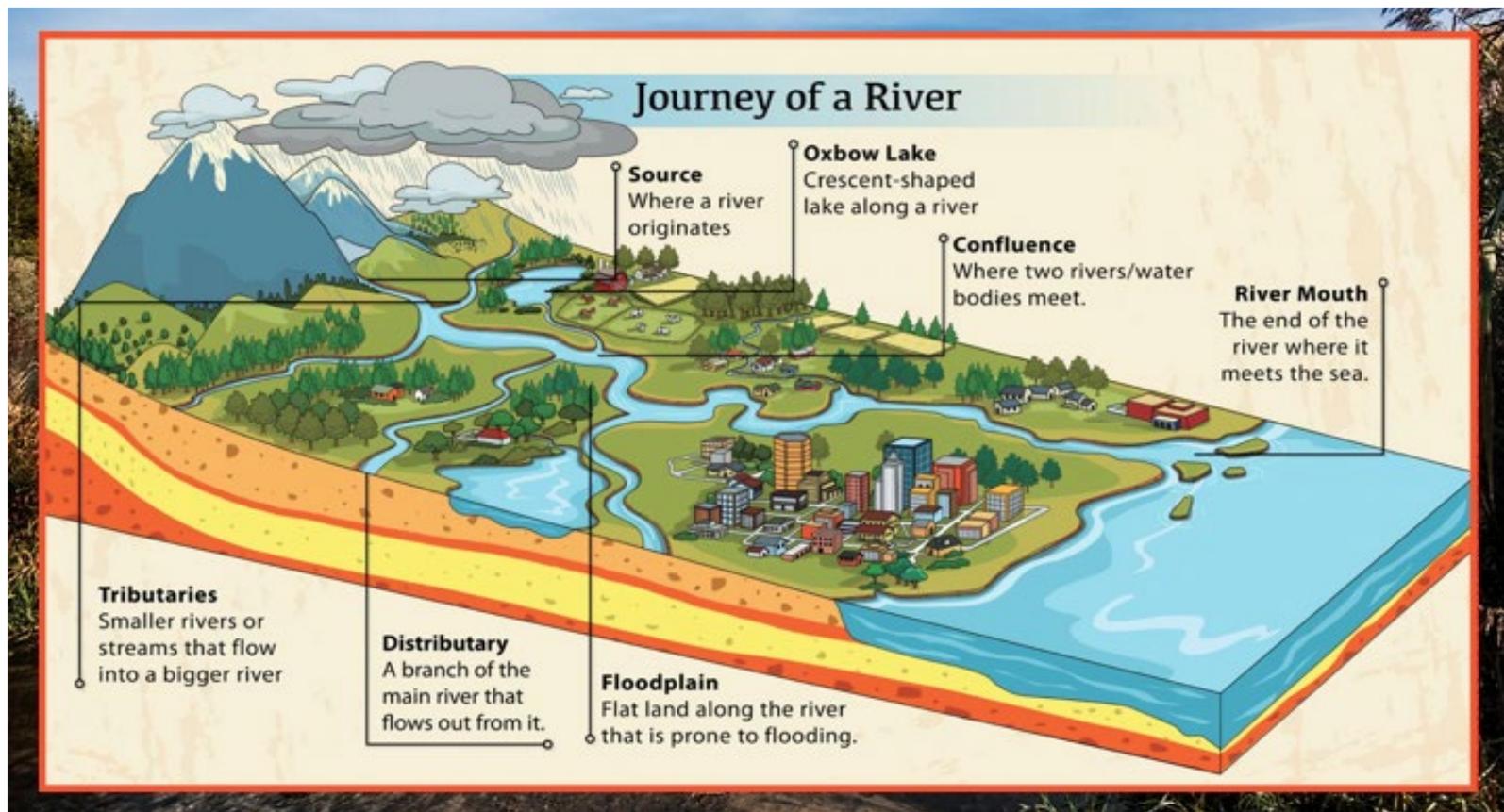
Low water levels in rivers
Results in water scarcity and low water availability due to low recharge in ground water





What is a River ?

The water body that moves from its source and higher altitude to the lower altitude and eventually at the mouth of a channel or bed under the influence of gravity

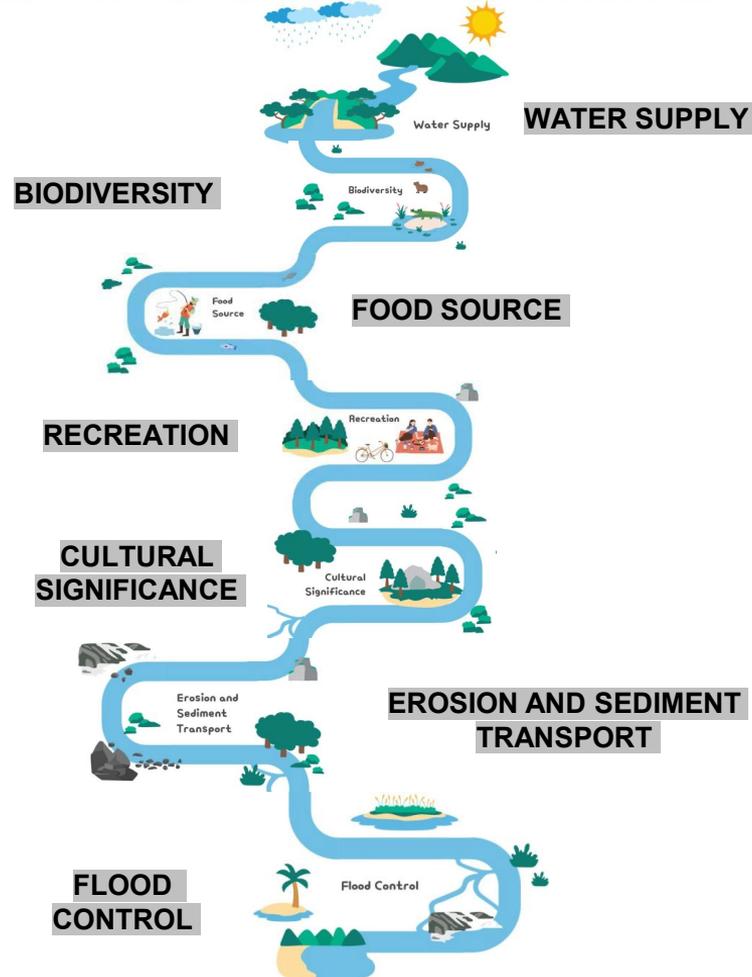


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What does
rivers
provide us ?





RIVERS AND FESTIVALS

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Ganesh Chaturthi



Chhath Puja



Kumbh Mela



Durga Puja



Pushkaram

Water Pollution

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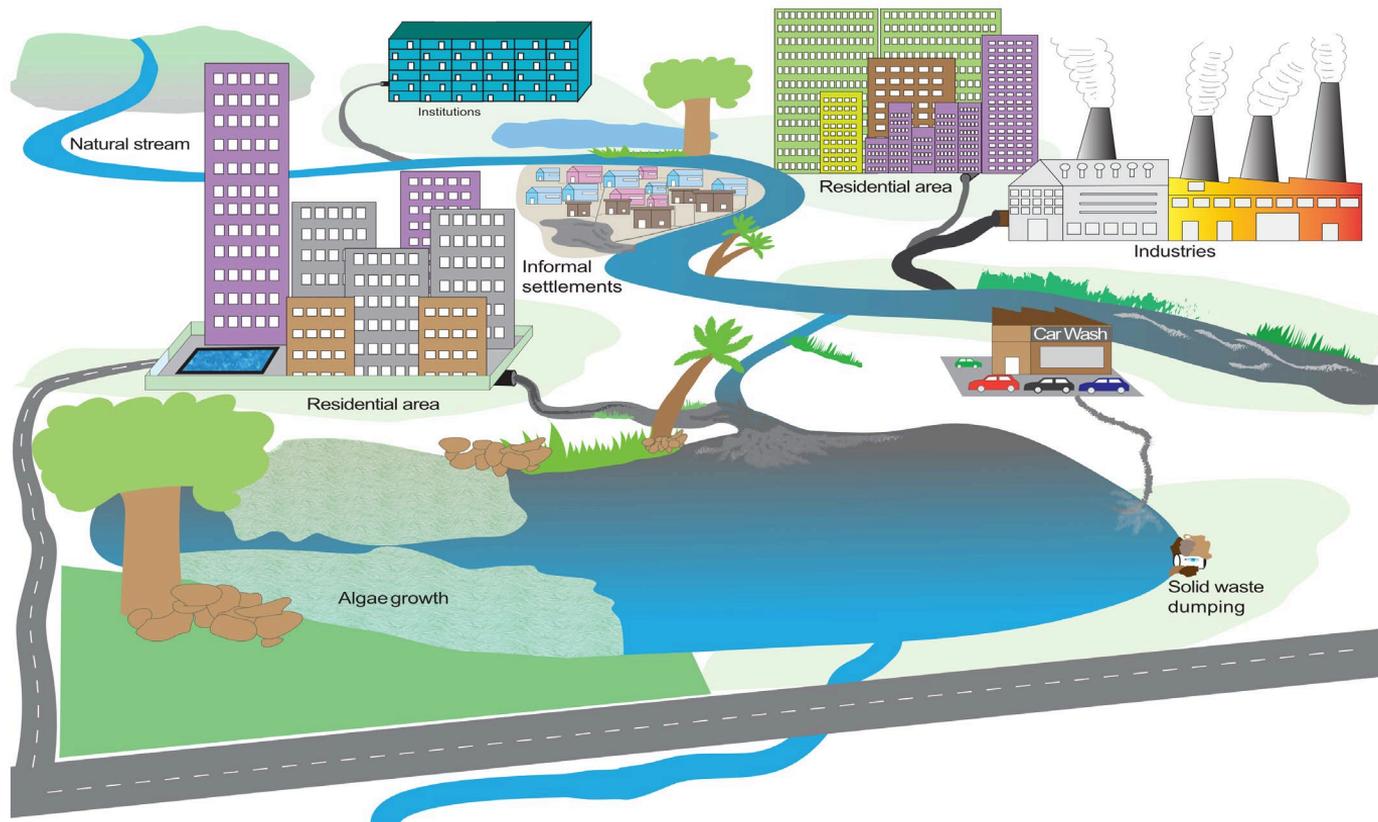
What is water pollution ?

Water pollution occurs when harmful substances- often chemicals and microorganisms- contaminate a stream, river, lake, ocean, or other body of water, degrading water quality and rendering it toxic to humans or the environment

Examples

- When certain substances are present in water beyond the normal limit then the water is term as polluted
- Whenever harmful substances such as sewage, toxic chemicals, silt, etc., get mixed with water, the water becomes polluted. The substances that pollute water are called water pollutants

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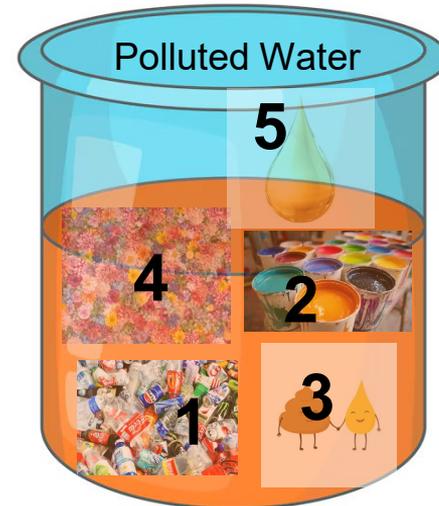
"If you had a bottle of life-preserving fluid on which your life depended, would you pour it into your sewage and rubbish, along with any other poisonous chemicals you could find?"



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S. No.	List of items
1	Plastics
2	Paint and colors
3	Urine and Feces
4	Flowers
5	Oil



Can you name a
“pollutant” – that is
dangerous to life ?

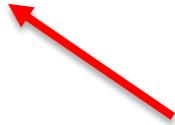


Plaster of Paris
(POP)

Where it is found and how it affects us ?

How do you identify that water is polluted ?

Color



Smell/Odor



**Acidity
content**



**Texture/
Appearance**



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	1	2	3
Name			
If water has paints, oil, urine and feces, will the organisms survive ?			

How it affects us ?

FILL IN THE BLANKS

If we drink polluted water, we can get sick ?

1. We can get J_UNDI_E

Ans. JAUNDICE

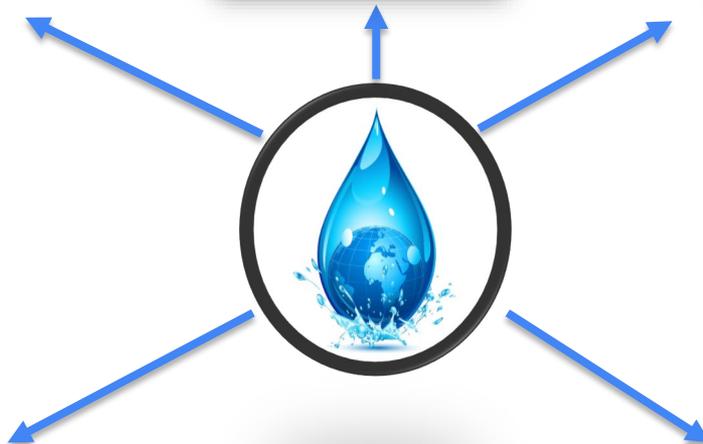
2. We can get CH_L_RA

Ans. CHOLERA

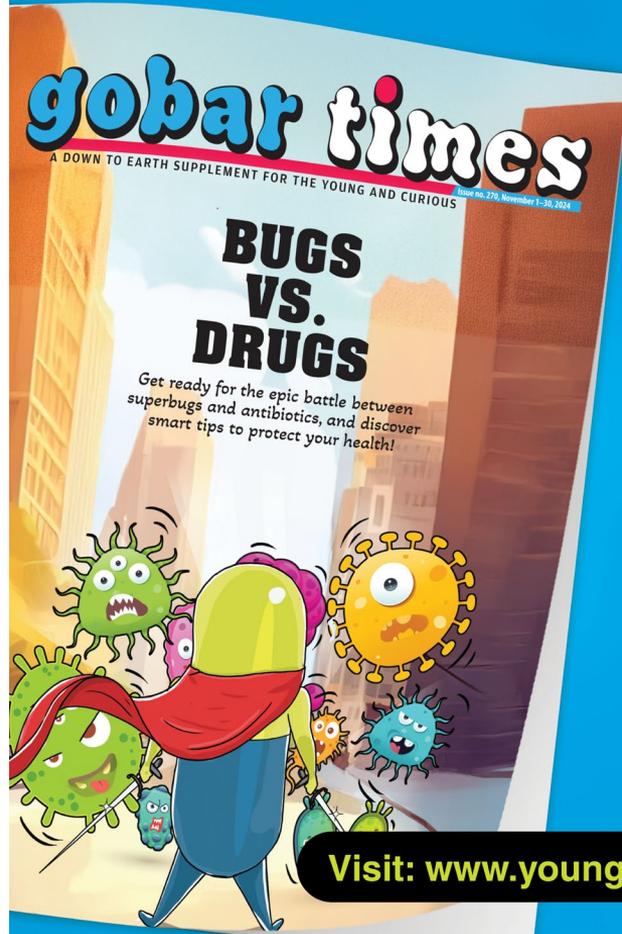
3. We can get T_PH_I_

Ans. TYPHOID

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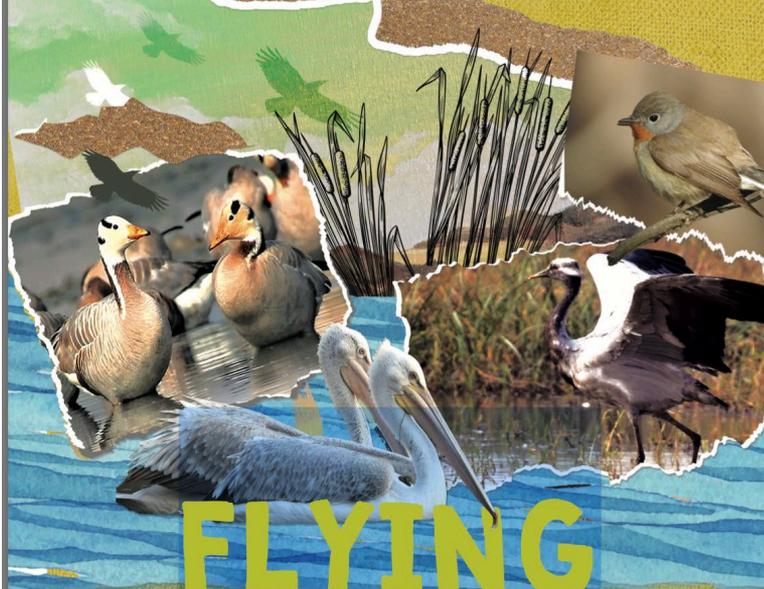
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