

# Waste Water Story

## ORAL QUESTIONS

### A. Answer these questions orally.

1. Give some uses of water.
2. Where does the water in our taps come from?
3. Is the water present in lakes or underground wells pure?
4. What is the full form of STP?
5. What is the full form of WWTP?
6. Name two common water disinfectants.

## PUZZLE/QUIZ

### B. Find eight terms related to chapter Dealing with Waste Water hidden in the word-maze given below. Write a few lines about them.

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C | R | C | D | C | E | P | S | P | O | T | T |
| T | H | P | O | T | A | B | L | E | A | Y | C |
| O | N | O | K | P | O | B | U | C | X | Z | R |
| C | P | L | L | N | I | I | D | H | D | E | Q |
| D | G | L | T | E | S | O | G | B | C | G | S |
| I | V | U | S | E | R | G | E | N | B | R | P |
| P | W | T | F | S | O | A | R | I | R | I | A |
| N | O | A | A | C | X | S | S | T | P | T | Z |
| C | O | N | T | A | M | I | N | A | N | T | S |
| D | F | T | X | P | Y | T | A | E | R | A | O |
| O | B | C | A | E | R | A | T | I | O | N | N |
| S | C | R | E | E | N | I | N | G | P | K | Q |

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**C. Unscramble these words to form meaningful words. Use the clues given in brackets.**

1. A T L P B E O

(Clean water that is fit for drinking)

2. O S G B A I

(A very good fuel)

3. A E G S W E

(Water containing wastes)

4. L S T L T N O U A P

(Substances that pollute water)

5. U E L D S G

(Solid like faeces)

**CLASS TEST**

**D. Very short answer questions.**

1. What do you understand by potable water?

2. What are contaminants?

3. Where is sewage treated?

4. What is activated sludge?

5. What are pollutants?

6. What are the by-products of waste water treatment?

### **E. Short answer questions.**

1. The water present in a river or a lake is not pure. What kind of impurities are present in them?

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2. What are the various ways by which tap water gets dirty?

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3. What does sewage include?

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4. What do you understand by waste water treatment?

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5. What happens when water is allowed to enter the grit tanks?

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### **F. Long answer questions.**

1. Explain the process of waste water treatment.

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2. What steps can you adopt to reduce water contamination at home?

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3. What steps can you adopt to reduce water contamination in your lawns and gardens.

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4. What steps can you adopt to reduce water contamination at public places?

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### **HOME ASSIGNMENT**

#### **G. Think and Answer.**

1. Deepa and her family went for a picnic to a lake. After the picnic was over, they left the waste near the lake. They also threw some plastic bags, bottles, etc near the lake. Her father stopped them from doing so. Why?

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2. Sameer is suffering from jaundice. What could be the possible reason for the Infection?

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3. The MCD Inspector challaned Akash as the potted plants on his terrace were over-watered. The inspector tested the water in the pots and it tested positive for the presence of larvae of dengue mosquito. What could be the reason?

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## WORKSHEET

### H. Give reasons for the following.

1. We should dispose off waste properly after fairs, weddings and processions.

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2. Use of manure and compost should be encouraged.

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3. The presence of aerobic bacteria is essential in aeration tank.

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4. The waste water is first passed through bar screens.

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5. Cooking oil and fats should not be thrown down the drain.

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