

INTERNATIONAL INDIAN SCHOOL BURAIDAH

CLASS 7 SCIENCE WORKSHEET

WASTEWATER STORY

Q1. Define these terms:

- a) Sewage
- b) Sludge

Q2. Fill in the blanks:

- a. Wastewater released by toilets often referred as _____.
- b. The wastewater treatment gives us two useful products as _____ and _____.
- c. _____ plant absorb all surplus wastewater from the sewage ponds rapidly and release pure water vapor into the atmosphere.
- d. Poor sanitation in crowded public places can result in spread of _____.

Q3. State whether the following statements are True or False:

- a. Open rainwater drains provide breeding ground for mosquitoes.
- b. In vermi- processing toilet human excreta is treated by bacteria.
- c. GAP(Ganga Action Plan) was launched in 1995.
- d. Oil spills is the release of liquid petroleum into water bodies.

Q4. Choose the correct options:

1. Which of the following organisms produce biogas from the sludge in the digester tank of a

wastewater treatment plant?

- a. anaerobic bacteria b. fungi c. aerobic bacteria d. protozoa

2. Which of the following is not an inorganic impurity present in sewage?

- a. nitrate b. phosphate c. urea d. metal salt

3. Which of the following are used to remove floatable particles from wastewater?

- a. Bar screening b. Sedimentation tank c. Both a and b d. Aeration tank

4. Which of the following are used as disinfectants?

a. Ozone b. Chlorine c. UV light d. All of the above

Q5. Answer the following questions in brief:

a) Why should oil and fats not to be released in the drain?

b) Name two useful substances which are produced by the treatment of sewage. State their uses.