

Chapter-7
Worksheet-1

Q. 1: Which of the following is wastewater?

- (a) Water trickling from a damaged tap.
- (b) Water coming out of a shower.
- (c) Water flowing in a river.
- (d) Water coming out of a laundry.

Q. 2: Sewage is mainly a

- (a) Liquid waste.
- (b) Solid waste.
- (c) Gaseous waste.
- (d) Mixture of solid and gas.

Q. 3: Which of the following is/are products of wastewater treatment?

- (a) Biogas
- (b) Sludge
- (c) Both biogas and sludge
- (d) Aerators

Q. 4: Open drain system is a breeding place for which of the following?

- (a) Flies

- (b) Mosquitoes
- (c) Organisms which cause diseases
- (d) All of these

Q. 5: Water polluted by various human activities causes a number of water borne diseases. Which of the following is not a water borne disease?

- (a) Asthma
- (b) Dysentery
- (c) Cholera
- (d) Typhoid

Q.6: Liquid waste from houses is called:

- (a) Sludge
- (b) Effluent
- (c) Smog
- (d) Sewage

Q. 7: Sewage is mainly a _____.

- (a) Solid waste
- (b) Gaseous waste
- (c) Liquid waste
- (d) Mixture of solid and gas

Q. 8: Pick from the following one chemical used to disinfect water

- (a) Chlorine
- (b) Washing soda
- (c) Silica
- (d) Coal

Q. 9: Biodegradable waste _____.

- (a) Decomposes in nature by microbes
- (b) Does not decompose
- (c) Enters the food chains that causes bio magnification
- (d) Accumulated in environment

Q. 10: Polythene and plastics _____.

- (a) Are not harmful
- (b) Are non – biodegradable and very harmful
- (c) Do not generate any bad odour
- (d) Degrade in the environment very easily

Q. 11: What is sewage? Explain why it is harmful to discharge untreated sewage into rivers or seas.

Q. 12: Describe the steps involved in getting clarified water from wastewater. What is sludge? Explain how it is treated.

Q. 13: Name two chemicals used to disinfect water.

Q. 14: Explain the relationship between sanitation and disease.

Q. 15: Outline your role as an active citizen in relation to sanitation.

Q. 16: Name two inorganic impurities present in sewage.

Q. 17: Define contaminants.

Q. 18: Name two alternative arrangements for sewage disposal where there is no sewerage system.

Q. 19: A mixture (x) in water contains suspended solids, organic impurities, inorganic impurities (a), nutrients (b), disease causing bacteria and other microbes. Give names for (x), (a) and (b).

Q. 20: What is a vermi-processing toilet?