

**Niscort Fr Agnel School**  
**Self Learning Worksheet**  
**Science, Class- VII**  
**Waste water Story**

**Q1) Fill in the blanks:**

1. The insects, butterflies, honeybees and birds help flowering plants in \_\_\_\_\_.
2. Herbs form the \_\_\_\_\_ layer in the forest.
3. The decaying leaves and animal droppings in a forest enrich the \_\_\_\_\_.
4. The branchy part of a tree above the stem is known as \_\_\_\_\_.
5. A Forest is a purifier of \_\_\_\_\_ and \_\_\_\_\_.

**Q2) Choose the correct option:-**

1. The item which is not a product of forest:  
a) Sealing wax  
b) Honey  
c) Wooden statue  
d) Salt
2. Micro-organisms act upon the dead plants and animals to produce:  
a) Sand  
b) Mushroom  
c) Humus  
d) Wood
3. Floods can be controlled by:  
a) Constructing temporary shelter  
b) Forests  
c) Constructing pits  
d) By allowing the water to flow into the sea
4. Forests are called:  
a) Green lungs  
b) Black skin  
c) Red kidney  
d) Brown heart

**Q3)** Explain why there is a need of variety of animals and plants in a forest?

**Q4)** What would happen if forests disappear?

**Q5)** Explain why there is no waste in the forest?

**Q6)** Explain the role of forest in maintaining the balance between oxygen and carbon dioxide in the atmosphere.

**Q7)** What are decomposers? Name any two of them. What do they do in the forest?

**Niscort Fr Agnel School**  
**Self Learning Worksheet**  
**Science, Class- VII**  
**Water a precious resource**

**Q1) Fill in the blanks:**

- (a) People obtain \_\_\_\_\_ through tube wells and hand pumps.
- (b) Three forms of water are solid, liquid and \_\_\_\_\_.
- (c) The water bearing layer of the earth is \_\_\_\_\_.
- (d) The process of water seepage into the ground is called \_\_\_\_\_.
- (e) The process of changing of water into its vapour is called \_\_\_\_\_.
- (f) The process of changing water vapour into water is called \_\_\_\_\_.
- (g) No rainfall for a year or more may lead to \_\_\_\_\_ in that region.
- (h) Excessive rains may cause \_\_\_\_\_.

**Q2)** Explain how groundwater is recharged?

**Q3)** Explain the factors responsible for the depletion of water table.

**Q4)** Define the following:

1. Aquifer
2. Water table
3. Desalination
4. Infiltration

**Q5)** Why water is called universal solvent?

**Q6)** Explain the water cycle in detail.

**Q7)** There are ten tube wells in a lane of fifty houses. What could be the long term impact on the water table?

**Q8)** Enlist some methods to conserve water.

**Q9)** Why is water considered as a precious resource?

**Niscort Fr Agnel School**  
**Self Learning Worksheet**  
**Science, Class- VII**  
**Waste water Story**

**Q1) Fill in the blanks:**

1. Waste water is treated in a \_\_\_\_\_.
2. The sludge is decomposed by \_\_\_\_\_ bacteria.
3. \_\_\_\_\_ and contaminated drinking water is the cause of a large number of diseases.
4. The process of waste water treatment is known as \_\_\_\_\_.
5. Sewage is a \_\_\_\_\_ waste.
6. The activated sludge is about \_\_\_\_\_ % water.
7. The suspended impurities dissolved in swage are called \_\_\_\_\_.

**Q2) Name the following:**

1. The nutrient present in sewage.
2. By products of waste water treatment.
3. A plant which can absorb waste water rapidly and release pure water vapour to the atmosphere.
4. Solid waste extracted in sewage treatment.
5. Any two water borne disease.
6. Expand WWTP.

**Q3) State whether True or False:**

1. Urea is an inorganic impurity present in sewage.
2. Sewerage is a transport system that carries sewage to the treatment plant.
3. Chemical toilet is a low cost onsite sewage disposal system.
4. Sewage is solid waste which causes water and soil pollution.
5. Untreated human excreta is a health hazard.

**Q4) Choose the correct option:-**

1. A non-biodegradable item
  - a. Cannot be recycled
  - b. Can be recycled
  - c. Can be reused
  - d. Can be exhaustible
2. An example of source reduction of waste is
  - a. Backward composting
  - b. Throwing things that are old
  - c. Making paper aero planes
  - d. Burning
3. Bacteria that decompose organic wastes are called
  - a. Anaerobic bacteria
  - b. Aerobic bacteria
  - c. Lactobacillus bacteria
  - d. All of these

Q5) Name the two chemicals used to disinfect water.

Q6) Untreated human excreta is a health hazard. Explain.

Q7) Why should oils and fats be not released in the drains? Explain.

Q8) Write the importance of drainage system.

Q9) Explain the relationship between sanitation and disease.

Q10) How is sludge decomposed?

Q11) Describe the steps involved in getting clarified water from waste water.

Q12) What is sludge? Explain how it is treated?

Q13) What are the different types of contaminants or impurities present in sewage?