

**International Indian School Buraidah**  
**Worksheet for the Academic year 2023-24**

**Class - 7<sup>th</sup> Subject-Science**

**Lesson # 17 Forests Our Lifeline**

**Lesson #18 Wastewater Story**

**Q-1 Multiple Choice Questions-**

i Forests are not responsible for

- (a) providing medicinal plants.
- (b) maintaining the flow of water into the streams.
- (c) creating flood conditions.
- (d) absorbing rainwater and maintaining the water table.

ii. Which of these is the correct food chain

- (a) Grass -> insects -> frog -> snake -> eagle
- (b) frog → eagle → insects → grass → snake
- (c) insects -> frog -> grass -> snake -> eagle
- (d) eagle -> snake -> frog -> grass-> insects

**Q-2 Fill in the blanks-**

- i. \_\_\_\_\_ is a system comprising various plants, animals and micro-organisms.
- ii. In a forest, \_\_\_\_\_ forms the uppermost layer followed by shrubs.
- iii. Forests are the \_\_\_\_\_ for the forest dwelling communities.
- iv. Forest \_\_\_\_\_ is dark in colour due to the presence of humus.
- v. A wide variety of animals help \_\_\_\_\_ to grow & regenerate.
- vi. \_\_\_\_\_ convert the dead plants and animals to humus.
- vii. \_\_\_\_\_ is the forestry branch that deals with forest development and care.
- viii. The variety of plants found in a particular area is known as \_\_\_\_\_
- ix. A variety of animals found in a particular area is known as \_\_\_\_\_
- x. Forest serve as \_\_\_\_\_ and water purifying system in nature.

### Q-3 Very short answer type questions-

- i. Which term is used for the celebration of planting of saplings on a large scale?
- ii. What do we call the branched part of a tree above the stem?
- iii. Name the sequence of living organisms in which one eats another.
- iv. What name is given to the different horizontal layers created by different types and sizes of trees?
- v. Which part of the forest helps in recharging the groundwater?
- vi. Name the term used for cutting trees at a large scale.
- vii. Name the practice of planting trees to save the environment from deforestation's bad effects.

### Q-4 Long Answer Type Questions

11. Why are forests called the green lungs of the earth?
12. How do trees grow in a natural forest?
13. Why is it necessary to conserve forests? State any two ways to conserve forests.
14. What is a food chain? Give one example of a food chain taking place in a forest.
15. State the reasons for the large-scale cutting down of forest trees.
16. What kind of plants grow in the understory of a forest?

## Lesson # 18

### Q-1 Fill in the Blanks-

- a. The kinds of material present in the wastewater are called \_\_\_\_\_
- b. Water is used as a coolant in the \_\_\_\_\_
- c. A septic tank is suitable for places having \_\_\_\_\_
- d. \_\_\_\_\_ are the major cause of water pollution.
- e. In an aerated tank \_\_\_\_\_ is decomposed.
- f. The main sewer pipelines are called \_\_\_\_\_
- g. Aerobic bacteria feed on organic matter and produce \_\_\_\_\_
- h. The junction of the sewers from homes is called \_\_\_\_\_
- i. The microorganisms which help in wastewater treatment settle at the bottom of the tank to form \_\_\_\_\_
- j. The sludge from the settlement tank is shifted to another tank called \_\_\_\_\_
- k. Large objects and garbage in the wastewater are removed by passing them through the \_\_\_\_\_

### Q-2 Multiple Choice Questions

1. Pick from the following one chemical used to disinfect water.
  - (a) Chlorine
  - (b) Washing soda
  - (c) Silica
  - (d) Coal

2. Sewage is mainly a

- (a) liquid waste.
- (b) solid waste.
- (c) gaseous waste.
- (d) mixture of solid and gas

3. An 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

4. Which of the following is not a source of wastewater?

- (a) Sewers
- (b) Homes
- (c) Industries
- (d) Hospitals

**Q-3 Write the answers to the following Questions -**

1. What is sewage?
2. Why is sanitation important
3. What is wastewater? How is it produced?
4. Why is chlorine added to wastewater?
5. Mention two ways by which awareness of the need for sanitation in public places can be created.
6. Decomposers are nature's waste disposal system. Explain?
7. What are the ill effects of open drains?