

**DELHI PUBLIC SCHOOL JAMMU**

**SESSION 2025-26**

**MONTH : JANUARY**

**ASSIGNMENT VI**

**CLASS : VII**

**SUBJECT: SCIENCE**

**TOPIC : FORESTS: OUR LIFELINE**

**Q1** Which one of the following adds humans to the soil?

- a) Herbivores
- b) Carnivores
- c) Top carnivores
- d) Decomposer

**Q2. Assertion (A):** A forest has three layers differentiated on the basis of height

**Reason (R) :** Most of the birds live in the canopy of the forest

- a) Both A and R are true, and R is the correct explanation of A.
- b) Both A and R are true, but R is not the correct explanation of A.
- c) A is true, but R is false.
- d) A is false, but R is true.

**Q3.** Forests support the economy of our country Justify this statement

**Q4.** What is deforestation? Explain the causes of deforestation

**Q5.** Explain the importance of forests. (any 2 points)

**Q6.** What are the ways to conserve forest? (any 4 ways)

**Q7. Read the following paragraph and answer the questions that follows:**

All organisms get energy from the food they eat. A food chain is a simple representation of the flow of energy in nature. The sun is the ultimate source of energy on the earth . Plants get light energy from the sun and change it into chemical energy during photosynthesis. So plants are the producers. When animals eat the plants , this energy is transferred to the animals. So energy is always transferred from producers to primary consumers and then to secondary consumers. The food chain always starts from the producers . Decomposers like fungi and bacteria play important role when organisms die The decomposers breakdown the dead plants and animals into simple substances .It increases the fertility of soil and plants grow better in fertile soil .It creates the cycle of nutrients

- a) Define food chain.
- b) Define decomposers.
- c) Give two examples of food chain

**Q8.** In a forest the number of carnivores becomes more than the herbivores .Give two possible consequences of it.