

CLASS VII – SCIENCE – CHAPTER 12

FORESTS: OUR LIFELINE

Name:

Date:

Q01. Which of the following is not a forest product?

- (a). Kerosene (b). Rubber (c). Plywood (d). Sealing wax

Q02. Microorganisms act upon the dead plants to produce

- (a). Mushroom (b). Humus (c). Wood (d). Sand

Q03. Trees and vegetation act as wind breakers and prevents

- (a). Floods (b). Soil erosion (c). Dust storm (d). All of these

Q04. Quinine is obtained from

- (a). Eucalyptus tree (b). Neem tree (c). Cinchona tree (d). Pine tree

Q05. Process of eating and being eaten is called

- (a). Food web (b). Food chain (c). Food habit (d). Food nature

Q06. Which one is obtained from plants?

- (a). Paper (b). Furniture (c). Medicines (d). All of these

Q07. Plants convert CO₂ into O₂ during

- (a). Respiration (b). Photosynthesis (c). Transpiration (d). Translocation

Q08. Branches of tall trees look like roof over the other plants in forest called

- (a). Canopy (b). Pines (c). Shadow (d). Conical

Q09. Which one is obtained from forest?

- (a). Coal (b). Kerosene (c). Resins (d). Plastics

Q10. Plants with soft stem are called

- (a). Shrubs (b). Herbs (c). Tree (d). Tendril

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Q11. Microorganism that convert plants and animals dead parts into humus are called

- (a). Decomposer (b). Producer (c). Herbivores (d). Carnivores

Q12. Which is not a function of forest?

- (a). Water cycle (b). Balancing oxygen and carbon dioxide
(c). Formation of soil (d). Wild life habitat

Q01. Fill in the blanks.

- (a). The process of loss of water from plants is called _____.
- (b). _____ prevents soil erosion.
- (c). Forest provides _____ like cinchona, eucalyptus etc.
- (d). _____ help in maintaining water cycle in nature.
- (e). Forest are important _____ resources.
- (f). Deforestation leads to _____ in nature.
- (g). Plants are natural air _____ of atmosphere.
- (h). Judicious use of forest is called _____.
- (i). Saprophytes are also known as _____.
- (j). Quinine is obtained from _____ tree.

Q02. Write T for true and F for false statements.

- (a). The forest cover is increasing in our country.
- (b). Forests help in regulating the water cycle.
- (c). Overgrazing is one of the reasons for depletion of forest.
- (d). In a forest only one food chain can exist.
- (e). Plants do not depend on animals.

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Q03. Match the following

Column A

- (a). Flora
- (b). Fauna
- (c). Natural Lungs
- (d). Quinine
- (e). Depletion of forest

Column B

- i. Malaria
- ii. Deforestation
- iii. Plants
- iv. Forest
- v. Animals

Column A

- (a). Over grazing
- (b). Transpiration
- (c). Humus
- (d). Food chain
- (e). Quinine

Column B

- i. Water holding capacity
- ii. Soil erosion
- iii. Ascent of sap
- iv. Medicine
- v. Interdependence for food

Column A

- (a). Crown
- (b). Canopy
- (c). Deforestation
- (d). Photosynthesis
- (e). Chipko movement

Column B

- i. Carbon dioxide to oxygen
- ii. Embrace tree to protect
- iii. part of tree above stem
- iv. Roof like structure of branches
- v. Cutting of tree

Q04. Write the ecological significance of forest?

Q05. What is transpiration? How is it necessary?

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- Q06.** Write difference between food chain and food web?
- Q07.** How is oxygen added in the atmosphere continuously?
- Q08.** List five products that we obtain from forests.
- Q09.** How transpiration is different from translocation?
- Q10.** What are decomposers? What are their importance in environment?
- Q11.** Why forest is called as dynamic living entity?
- Q12.** What is difference between canopy and under storey?
- Q13.** Give single words for the following description:
- (a). Removal of top layer of earth crust.
 - (b). All the plants found in particular area.
 - (c). Loss of water in form of water vapour.
 - (d). Physiological process that balance oxygen level in atmosphere.
 - (e). Black, dead and decomposed parts of plant present in soil.
- Q14.** What would be the effect on the food chain if:
- Grass > Grasshopper > Frog > snake > Eagle**
- (a). Sun is not there
 - (b). All frogs disappear
 - (c). There are no plants
 - (d). Carnivorous disappear