

St. Thomas School, Dhurwa, Ranchi – 4.
Second term - 2020-2021

Class: 5

Subject: SCIENCE

Practice Paper with Answers

Chapters 7

Interdependence of Living Beings - Plants and Animals

I. Give the technical term for the following.

1. Minute organisms present everywhere around us

Ans. Microorganisms

2. Process by which plants prepare their food

Ans. Photosynthesis

3. Addition of many undesirable things to land such as garbage, sewage etc.

Ans. Land pollution

4. Interlinked food chains

Ans. Food web

5. A natural reason that causes forest fire

Ans. Lightning

II. Fill in the blanks with the appropriate terms.

1. The green pigment present in leaves called chlorophyll traps sunlight.

2. Plants give out oxygen gas during photosynthesis.

3. Smoke coming out from automobiles, power plants and factories causes air pollution.

4. The living organisms that depend on producers for their food are called consumers.

5. The ecosystem comprises of biotic and abiotic components.

III. Complete the pairs.

1. Abiotic : sunlight :: Biotic : plants

2. Cutting trees : deforestation :: Planting trees: afforestation

3. snake : secondary consumers :: Plants : producers

IV. State whether the following statements are true or false. If false, rewrite the statements by changing first or the last word.

1. Omnivores are animals that eat only flesh of other animals.

Ans. False; Carnivores are animals that eat only flesh of other animals.

2. Hyenas have extremely strong jaws adapted to crush animal bone.

Ans. True

3. Hunting results in animals becoming endangered or even extinct.

Ans. True

4. Giraffe is an omnivore.

Ans. False; Giraffe is a carnivore.

5. Planting trees in large numbers and burning fuels cause global warming.

Ans. False; Cutting down trees in large numbers and burning fuels cause global warming.

V. Give two examples for each of the following.

1. Scavengers

Ans. (a) Hyena (b) Jackal

2. Birds of prey

Ans. (a) Eagle (b) Hawk

3. Omnivores

Ans. (a) Bear (b) Crow

4. Abiotic components of environment

Ans. (a) Sunlight (b) Water

5. Decomposers

Ans. (a) Bacteria (b) Fungi

VI. Differentiate between the following on the basis of the words given in the bracket.

1. Herbivores and omnivores (food habit)

Ans.	<u>Herbivorous</u>	<u>Omnivores</u>
	Herbivores eat only plant and plant parts.	They eat both, plants and the flesh of other animals.

2. Predators and prey (meaning)

Ans.	<u>Predator</u>	<u>Prey</u>
	The animal that hunts and eats other animals is a predator.	The animal that is hunted and killed by another animal for food is the prey.

VII. Define the terms.

1. Food chain

A chain of organisms dependent on each other for food

2. Abiotic components:
Living things in an environment like plants, animals and microorganisms
3. Deforestation:
Cutting down trees in large numbers
4. Decomposers:
Microorganisms that feed on dead and decaying plants and animals
5. Matter:
Anything that occupies space and has weight

VIII. Give reasons for the following.

1. Leaves are usually green in colour.

Ans. It is because of the presence of a green pigment called chlorophyll in leaves.

2. Decomposers are important in food chain.

Ans. It is because in the absence of decomposers, dead matter and waste keep piling up and the plants would not get essential nutrients.

3. Carnivores are called secondary consumers.

Ans. It is because carnivores indirectly use the food made by plants when they eat the herbivores or omnivores.

IX. Draw neat and labelled diagram of a food chain.

Ans. Refer to page no. 95
