

**1. Answer the following questions.**

1. Define the following terms with examples of each.

- i) Eco-system      ii) Food chain

<i>Eco-system</i>	<i>Food chain</i>

2. What do herbivores eat? Where do they find their food?

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3. What are some ways in which we can preserve ecosystems?

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4. What are two things transferred between the living things (the biotic parts) and non-living things (abiotic parts) in an ecosystem?

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5. Why do living things compete with each other?

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**2. Answer the following Long question**

Define the following terms.

i. Producers

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ii. Herbivores

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iii. Carnivores

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iv. Omnivores

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v. Parasites

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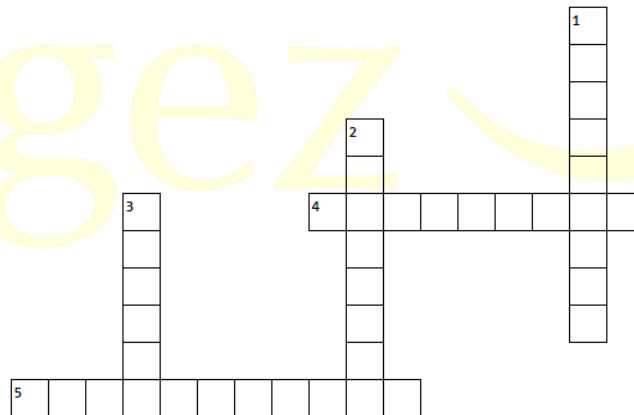
vi. Decomposers

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### 3. Tick the right option.

<b>1. Which of the following can damage an eco-system?</b>			
a) Construction	b) Waste disposal	c) Deforestation	d) All of them
<b>2. The living things in eco-system are known as</b>			
a) Abiotic parts	b) Biotic parts	c) Nutrients	d) Energy
<b>3. Which of the following is an abiotic factor?</b>			
a) Temperature	b) Animals	c) Plants	d) Human beings
<b>4. Which of the following is the first part of all food chains?</b>			
a) Producer	b) Water	c) Consumer	d) Decomposers
<b>5. Which of the following is not a decomposer?</b>			
a) Flies	b) Fungi	c) Humans	d) bacteria

### 4. Crosswords



Across	Down
4. Predator and prey	1. Eat both plants and animals
5. Eats grass	2. Suck blood
	3. Make their own food

### 6. Words Search

Find the following word in the words search.

WIND ENERGY	RENEWABLE	DIVERSITY	HABITAT	NATURAL
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D	I	V	E	R	S	I	T	Y	H
F	G	J	C	S	H	S	G	X	A
R	E	N	E	W	A	B	L	E	B
W	Q	U	P	B	M	K	L	F	T
N	A	T	U	R	A	L	W	Y	A
J	L	K	W	M	Q	P	G	X	T
K	L	F	O	P	E	W	X	O	U
W	I	N	D	E	N	E	R	G	Y

### 7. Jumbled words

Arranged Words	Jumble Words
	Aveporation
	Synphotothesis
	Forestrain
	Enviromnent
	Tscontinen

## 8. Columns

Column A	
Producer	<input type="radio"/>
Herbivore	<input type="radio"/>
Carnivore	<input type="radio"/>
Omnivore	<input type="radio"/>
Decomposer	<input type="radio"/>

Column B	
Fungi	<input type="radio"/>
Humans	<input type="radio"/>
Plant	<input type="radio"/>
Cow	<input type="radio"/>
Lion	<input type="radio"/>

## 9. Fill in the blanks

- i. An \_\_\_\_\_ is the surroundings in which an animal or plant lives.
- ii. \_\_\_\_\_ are areas of land that are very dry.
- iii. The Polar Regions are very \_\_\_\_\_.
- iv. \_\_\_\_\_ consist of both biotic and abiotic factors
- v. \_\_\_\_\_ is the most precious thing on Earth

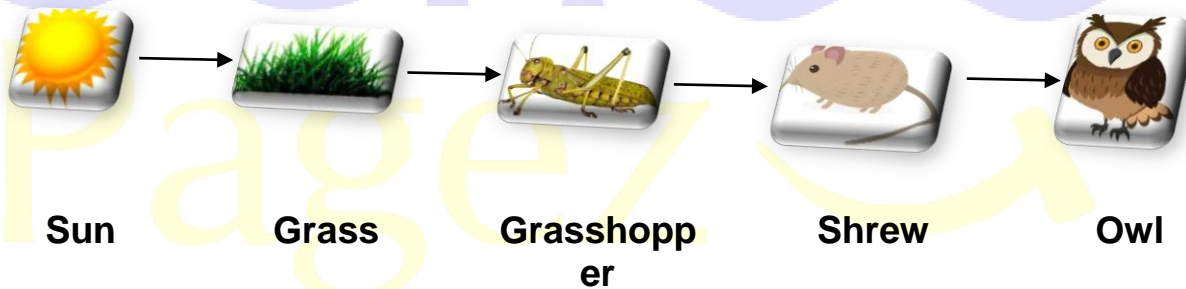
**10. Write “T” for the true and “F” for the false statement.**

- i. Herbivores, are animals that only eat meat.
- ii. All the water in the seas and oceans is salty.
- iii. The animals which get energy from plants are called primary consumers.
- iv. Animals can survive without food and water.
- v. Grassland ecosystem contains a lot of trees.







**11. Label the diagram.**

Energy transfer through living things

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**12. Drag and Drop**

				
Mango tree	Lion	Human	Mushroom	Mosquito

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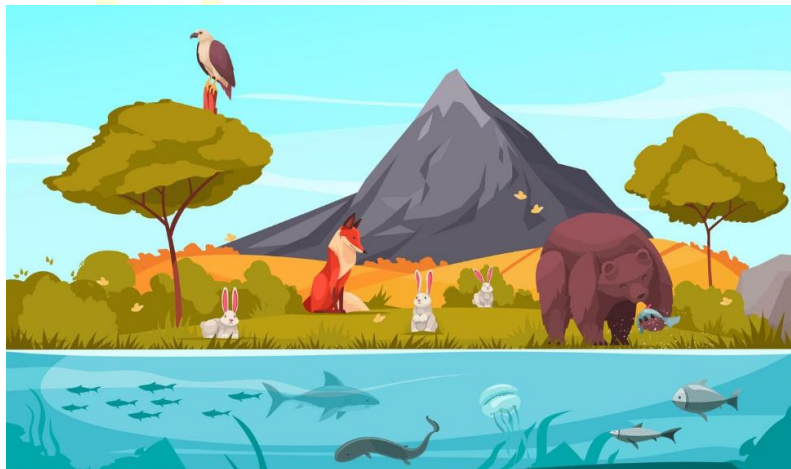
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**13. Comprehension**

Answer the following questions after reading the paragraph and observe the picture carefully.



An ecosystem is a complex network of living organisms interacting with their physical environment. This interconnected system can be as small as a pond or as large as a forest or even the entire planet. Comprising both biotic and abiotic components, ecosystems range from the microscopic scale of a drop of water to the vast expanses of rainforests or oceans. The abiotic factors, including sunlight, air, water, and soil, create the foundation upon which life flourishes. Biotic factors, include plants, animals, and microorganisms. Engage in a perpetual dance of interdependence, forming complex relationships through predation, cooperation, and competition.

**I. What is an ecosystem?**

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**II. What are the abiotic factors of the ecosystem?**

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**III. What are the biotic factors of the ecosystem?**

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