

III. LONG ANSWER TYPE QUESTIONS

Q.1. Explain in detail about herbivores, carnivores and omnivores. Give two examples.

Ans: **Herbivores:** Animals which eat only plants, plant products are called herbivores. eg. Cow, Dear and Elephant

Carnivores: Animals which eat other animals are called carnivores. eg. lion and Lizards

Omnivores: Animals which eat both plants and animals are called Omnivores. eg. Dog, human being, etc..

IV. HOTS:

1. Why do boiled seeds fail to sprout?

Ans: The boiled seeds failed to sprout because boiling denatures or damages certain enzymes or proteins that are required for germination. Thus, boiling kills the seeds.

2. Why is carrot orange and spinach green?

Ans: The carrot is bright orange colour because of presence of the pigment called β -carotene. Spinach is green due to chlorophyll pigment present in the chloroplast of the leaf tissue.

3. What makes sprouts more nutritious?

Ans: The simple process of sprouting brings out many enzymes in germinated seeds, legumes and grains, making them easier to digest. It also increases the amount of protein, vitamins and minerals.

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