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Sources of Food

1) Answer the ~~question~~ following question in brief.

1) Why it is important to eat food?

⇒ We consume food for nourishment, growth and development. Hence it is ~~more~~ important to eat food.

2) Define the following terms. Give one example for each.

i = Herbivores: Animals which feed on only plant and plant products are called as herbivores animals or grass-eating animals. Ex. cows, deer, elephants, horses, rhinos, moose etc.

ii Carnivores: Animals which feed on only flesh of other animals are called as carnivores animals or flesh eating animals. Ex: Lions, wolves, eagles, vultures, tigers, etc.

iii Omnivores: Animals which feed both plant and animal flesh are called omnivores. Ex: Humans, bears, crows, cockroaches, etc.

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3) How are scavengers different from parasites?

=> ~~Scav~~ Scavengers are like vultures, jackals, crows, hyenas that feed on the dead animals whereas parasite are the animals like fleas, leeches, tape worm, mosquitos, bedbug that live on or inside other animal and get their food from them.

4) How are scavengers use full for the environment.

=> Scavengers are very important because they help in keeping the ~~scav~~ surroundings clean.

2) Answer the following questions in detail

1) Define "Food". What are the functions of food?

=> Food is any substance that we consume for ~~nutrition~~ Nourishment, growth and development. Food performs the following functions for our body:

- i) Produce energy: We need food to get energy to do various activities.
- ii) Growth: Food is essential for growth - for example, it helps a ~~bad~~ baby grow into the adult.

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iii ~~Re~~ Repair: We need food to repair the damaged cells and tissue - for example, healing of wound.

iv ~~re~~ Protection: We need food to protect our body from diseases and keep it ~~a~~ healthy.

2) A vegetable seller has carrots, Potatoes, Pumpkin and peas in his shop. which part of the plants are they.

=)

Vegetable	Part of the plant
Carrot	Root
Potatoes	stem
Pumpkin	Fruit
Peas	Seed

3) Animals too are sources of food. Explain with examples

=) We get food from animals directly or indirectly.
We get the following food from animal:

1) We get milk from cows, buffaloes, goat and camels.
~~Milk~~ Milk ~~from cows~~ is used to butter, paneer, che-

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1) eas and ghee

2) We get eggs from duck, ^{hens} ~~huns~~ and gees

3) Meat is also obtained from animals such as huns, goat, ducks and ~~o~~ fish.

4) Honey is also obtained from animals used as food which is produced by honey bees.

4) Explain the various categories of animals that eat based on their habits.

⇒ Based on the food habit animals are divided into the following categories.

1) Herbivores: Animals which feed on only plant products are called as herbivores or grass-eating animals like cows, goat, zebrars, deer, etc. Animals that eat small plant near the ground are called grazers like cows, horses etc. And animals which feed on leaves, twigs and shoots are called browsers like elephant, giraffe etc.

2) Carnivores: Animals which feed on only flesh of ~~they~~ other animals are called ~~to~~ carnivores or flesh eating animals like lions, tigers, eagles, wolves etc. They do not have flat chewing the carnivores birds have sharp pointed and curved beaks.

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3) Omnivores: Animals which eat both plant and animal products are called as omnivores animals like humans, bears, crows, cockroaches etc. They have both sharp pointed teeth for eating and tearing animal flesh and flat, grinding teeth to eat plants parts.

4) Scavengers: Carnivores and omnivores that eat dead animals are called as scavengers like crows, ~~us~~ ~~uu~~ vultures, jackals, hyenas etc. Scavengers are very important because they help in keeping the ~~sorr~~ surrounding clean.

5) Parasites: Very small animals that live on or inside other animals and get their food from them are known as parasites. For examples fleas, leeches, tape worm, mosquitos, bed bugs etc.

6) How are the teeth of herbivores different from those of carnivores.

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Teeth of carnivores

- 1) Carnivores have sharp pointed teeth to grip and ~~eat~~ ~~ch~~ their prey and sharp scissor-like teeth to cut flesh into chunks which can be swallowed.

Teeth of Herbivores

Herbivores have sharp in front and rows of flat grinding teeth (molars) at the back for grinding and chewing food.

- 2) What ~~is~~ is a food chain? Explain with examples.
⇒ A food chain is a series of organisms in which transfer of energy takes place in the form of food from organism to another organism. For example, grass is eaten by the zebra, and the zebra is eaten by a lion. Food chain shows the interdependency in particular environment. Green plants make their own food and are called as producers whereas the herbivores which ~~eat~~ on the green plants for food are called as consumers.