

FLORENCE INTERNATIONAL SCHOOL CLASS- VI WORKSHEET NO: 14 SCIENCE

DATE: 17/04/2020

NAME: NOTES

TOPIC: FOOD AND NUTRITION

Please follow the previous link and the given link before attempting the worksheet.

https://www.youtube.com/watch?v=19BO_rbWjDk KEYWORDS

• **Apiculture**-Breeding of honey bee colonies are on a large scale for the purpose of honey production and other products such as pollen and beeswax.

Honey is produced by honey bees. Bees collect nectar (sugary liquid) from the flowers and convert it into honey. The bees store this honey in the structure called **hive**.

The hives containing honey are called **honeycombs**. Honey is collected from such honeycombs.

- **Pisciculture**-Fishes are reared on a large scale by the process of farming called pisciculture.
- **Producers**-Green plants make their own food by the process of photosynthesis. Green plants absorb water from the soil, carbon dioxide gas from air, energy from sunlight and make food.

Since green plants make their own food they are called producers.

- **Consumers** -Animals are unable to make their own food by process of photosynthesis, they depend on plants for food. Animals only consume food made by others, they are called **consumers**.
- Food Chain

In scientific terms, a food chain is a chronological pathway or an order that shows the flow of energy from one organism to the other. In a community which has producers, <u>consumers</u>, and decomposers, the energy flows in a specific pathway. Energy is not created or destroyed. But it flows from one level to the other, through different organisms. A food chain shows a single pathway from the producers to the consumers and how the energy flows in this pathway. In the <u>animal kingdom</u>, food travels around different levels. To understand a food chain better, let us take a look at the terrestrial ecosystem.



Example of food chain

Grass (Producer) — Goat (Primary Consumer) — Man (Secondary consumer)



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Q1. Match the following:

Column A

Column B

- i) Milk, Curd, paneer, ghee
- ii) Spinach, cauliflower, carrot
- iii) Lions and tigers
- iv) Herbivores

- a) eat other animals
- b) eat plants and plant products
- c) are vegetables
- d) are all animal products

Q2. State whether the following statement are True or False:

- 1. All living organisms eat the same kind of food.
- 2. Onion and ginger are roots.
- 3. The first level in a food chain is a carnivore.
- 4. Scavengers consume dead bodies of animals and help to keep the surroundings clean.

Q3. How are animals grouped on the basis of their food habits?

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Q4. How is honey made?

| | mean by food chain? |
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| | rd/example for the following: eaf |
| | stem |
| c) Process of | rearing honeybees |
| d) Substance | of plant origin which adds taste and flavor to food |
| Define Apicu | Iture, Pisciculture, Producers and Consumers. |
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