

Biology - FSC Part 1 Biology English Medium Chapter 12 Preparation

Q1. What type of harms is caused by endoparasites to humans? Give any two.

Ans 1: Hook worms is a parasite of human small intestine. It is very dangerous because it holds the villi of intestine and sucks the blood. It can cause anemia. Pin worms are parasitic in human caecum, colon and appendix. Their movement causes intense itching of anus, inflammation of mucous membrane of colon and appendix resulting in insomnia and loss of appetite.

Q2. Write a note on peristalsis.

Ans 1: It is a special type of movement by which food moves along the alimentary canal. It consists of alternate contraction of circular and longitudinal muscles followed by the wave of relaxation which squeezes the food down along the alimentary canal.

Q3. Differentiate between detritivores and omnivores.

Ans 1: Detritivores: The animals which feed on detritus (organic matter or debris of plants and animals) are called detritivores. Earthworms are the most common example of detritivores. It ingests pieces of decaying organic matter especially vegetative either at the soil surface or during the burrowing activity.

Ans 2: Omnivores: The animals which feed upon both animals and plants are called omnivores. Examples are cow, man, bear, pigs, red fox. They have teeth in between herbivores and carnivores.

Q4. Differentiate between Absorption and assimilation.

Ans 1: Absorption: The uptake of the diffusible food molecule from the digestive region across the membrane into the cell or into the blood stream.

Ans 2: Assimilation: The utilization of the products of digestion for production of energy or synthesis of cellular material.

Q5. Name three pairs of salivary glands and also mention their location.

Ans 1: Sublingual Gland: it is situated below the tongue.
Submaxillary gland: It is situated behind the jaws.
Parotid gland: It is situated in the front of ears.

Q6. What are cnidocytes?

Ans 1: A cnidocyte is an explosive cell containing one giant secretory organelle or cnida that defines the phylum Cnidaria. Cnidae are used for prey capture and defense from predators.

Q7. Define digestion?

Ans 1: Breakdown of complex organic compounds of food into simpler diffusible molecule by the action of enzymes is called digestion e.g proteins (meat,fish,eggs) etc into amino acids.

Q8. Differentiate between Nutrition and Nutrient.

Ans 1: Nutrition : Some of all process involved in the taking and utilization of elements by which growth,repair and maintenance of activities in the organisms are accomplished is called Nutrition.

Ans 2: Nutrient : The food or any other substance that supplies the body with element.necessary for the metabolism is called Nutrient

Q9. What are ungulates?Give their two examples.

Ans 1: Ungulates like horse,cow,goat,camel,zebra etc.These mammals walk on the tips of toes.Toes are modifies into hooves

Q10. Differentiate between ingestion and egestion.

Ans 1: Ingestion : Intake of food in oral cavity is called ingestion.

Ans 2: Egestion: Removal of undigested food from body is called egestion.
