

## Nutrition in Animals

<1M>

1. Pancreatic juice is produced in the-

- (A) Pancreas.
- (B) Stomach.
- (C) Liver.
- (D) Mouth.

2. What is the mode of feeding in Python?

3. Oesophagus is another name of-

- (A) Stomach.
- (B) Wind pipe.
- (C) Food pipe.
- (D) Gall bladder.

4. In Amoeba, food particles are ingested in-

- (A) Nucleus.
- (B) Food vacuole.
- (C) Pseudopodium.
- (D) Cell membrane.

5. Why do human beings can't eat grass?

- (A) They eat fruits and vegetables.
- (B) They are omnivorous.
- (C) They can't digest cellulose.
- (D) Grass contains certain poisonous substances.

6. Name the largest gland in human body.

7. What helps the food to taste it by our tongue?

8. Name the glands present in the mouth.

9. The length of small intestine is about-

- (A) 8m - 9m.
- (B) 7m - 8m.
- (C) 1.2 cm.
- (D) 6m - 7m.

10. Canines are-

- (A) Teeth.
- (B) Animals.
- (C) Plants.
- (D) Muscles.

11. Plants store food as-

- (A) Cellulose.
- (B) Sugar.
- (C) Glucose.
- (D) Starch.

12. Various steps of human nutrition are in the order-

- (A) Ingestion, egestion, digestion, absorption and assimilation.
- (B) Ingestion, egestion, assimilation, absorption and assimilation.

- (C) Ingestion, assimilation, digestion, absorption and egestion.
- (D) Ingestion, digestion, absorption, assimilation and egestion.

13. Heterotrophs are organisms which-

- (A) Feed on dead and decaying organisms.
- (B) Draw nutrition from the living tissues of other organisms.
- (C) Depend on other sources for food.
- (D) Manufacture their own food.

14. Humans have-

- (A) Two sets of teeth.
- (B) One set of teeth which lasts for lifetime.
- (C) A total of twenty teeth.
- (D) A total of sixteen teeth.

15. What are the two components of digestive system?

16. Which one of the following is true?

- (A) Canines are common in carnivores.
- (B) Canines are common in herbivores.
- (C) Canines are common in both.
- (D) None of these.

17. Amoeba procures food through-

- (A) Proboscis.
- (B) Pseudopodia.
- (C) Cilia.
- (D) Tongue.

18. Assimilation is-

- (A) The process of breaking large food molecules into simpler molecules.
- (B) The process by which undigested food is ejected out of the body.
- (C) The process by which the digested food carried by the blood is taken in by the cells of the body.
- (D) Process of inter-exchange of oxygen and carbon dioxide between haemoglobin and the cells of the body.

19. The walls of large intestine absorb-

- (A) Water.
- (B) Digested food.
- (C) Undigested food.
- (D) Cellulose.

20. The function of hydrochloric acid in the stomach is-

- (A) To digest carbohydrates.
- (B) To clean the stomach.
- (C) To kill the germs.
- (D) To break down proteins.

21. The undigested, semisolid food is collected in -

- (A) Anus.
- (B) Intestine.
- (C) Rectum.
- (D) Villi.

22. Bile is secreted by-

- (A) Stomach.

- (B) Small intestine.
- (C) Pancreas.
- (D) Liver.

23. It is said that, "the ability to ruminate is advantageous for the ruminants". Explain the fact behind this concept

24. Name the type of carbohydrate that can be digested by ruminants but not by humans. Give the reason also.

25. Where is the bile produced? Which component of the food does it digest?

26. Name the process of taking in food?

27. Digestion starts from \_\_\_\_\_ and ends in \_\_\_\_\_.

- (A) Mouth, small intestine
- (B) Mouth, large intestine
- (C) Mouth, anus
- (D) Mouth, rectum

28. Food is absorbed through-

- (A) Villi.
- (B) Blood.
- (C) Blood platelets.
- (D) Amylase.

29. Stomach secretes-

- (A) Dilute hydrochloric acid.
- (B) Dilute sulphuric acid.
- (C) Dilute citric acid.
- (D) Dilute nitric acid.

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30. Why do we get instant energy from glucose?

31. What are the main steps of digestion in humans?

32. What do you understand by animal nutrition?

33. Define digestion.

34. What is the digestive system?

35. Name the type of food and mode of feeding of the following animals-

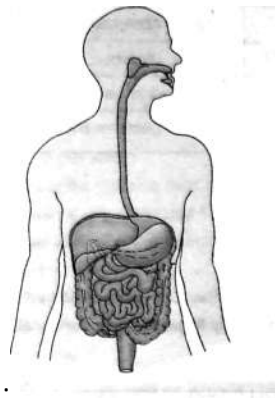
- a) Ant
- b) Mosquito

36. What are villi? What is their location and function?

37. Which teeth do you use for piercing and tearing? Write the number of these teeth.<

38. What is meant by alimentary canal?

39. What is the function of premolars and molars? Write the number of both teeth in each jaw.



40. Label the various part of the system shown :

41. How many types of teeth do you find in humans? Name them.

42. What is the cause of diarrhoea ?

43. What is the function of liver

44. Write one similarity and one difference between the nutrition in amoeba and human beings.

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45. Draw diagram : Digestive system of human beings

46. Show diagrammatically regions of the tongue for different tastes.

47. Write the functions of the tongue.

48. What is the role of lymph and lymphatic ducts in a villus

49. Explain the digestion in grass eating animals

50. Why do we get Hicups>

51. How food moves in the opposite direction during vomiting?

52. Explain the process of digestion in stomach.

53. What is the difference between milk teeth and permanent teeth?

54. Name the type of carbohydrate that can be digested by ruminants but not by humans.

55. What do you understand by rumen and rumination?

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56. What are the products of digestion of:

(a) Carbohydrates

(b) Fats

Proteins

57. How amoeba obtains its nutrition? Explain.

58. What are ruminants? How are they able to digest cellulose?

59. What are the points one should take to prevent tooth decay?

60. Give only the function of:

(a) Duodenum

(b) Liver

(c) Gall bladder

Bile

61. Write a note on stomach.

62. What are villi? What is their function?

63. Write a short note on structure and feeding in amoeba.

64. Write short notes on:

(a) The stomach

(b) The liver

65. What do you understand by alimentary canal or digestive tract?

66.What are the types of teeth and their function in human beings

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