

CLASS VII – SCIENCE – CHAPTER 02

NUTRITION IN ANIMALS

Name:

Date:

CHOOSE THE CORRECT OPTION FROM QUES 1 TO 15

Q01. What is the mode of nutrition in animals?

- (a). Heterotrophic (b). Autotrophic (c). Symbiotic (d). All of these.

Q02. Which of the following is the longest part of the digestive system?

- (a). Large intestine (b). Small intestine (c). Oesophagus (d). Rectum

Q03. Bile juice secreted by the liver plays an important role in the digestion of

- (a). Protein (b). Carbohydrates (c). Cellulose (d). Fats

Q04. Finger-like projection called villi are found in the inner wall of

- (a). Small intestine (b). Large intestine (c). Rectum (d). Pharynx

Q05. Amoeba capture food with the help of

- (a). Tentacles (b). Villi (c). Pseudopodia (d). Food cup

Q06. Canines are well developed in

- (a). Human beings (b). Cattle (c). Dogs (d). Elephants

Q07. Which of the following is a dual gland?

- (a). Pancreas (b). Liver (c). Gastric gland (d). Salivary gland

Q08. Enzymes are

- (a). Carbohydrates (b). Acids (c). Bio-catalyst (d). Bases

Q09. A substance which kills bacteria in stomach

- (a). Water (b). Hydrochloric acid (c). Sulphuric acid (d). Citric acid

Q10. Animals that chew cud are called

- (a). Herbivores (b). Omnivores (c). Ruminant (d). Grass eating

Q11. Gastric juice contain enzyme

- (a). Lipase (b). Amylase (c). Cellulase (d). Pepsin

Q12. Fat is completely digested in

- (a). Stomach (b). Small intestine (c). Mouth (d). Large intestine

Q13. Water from undigested food is absorbed by

- (a). Small intestine (b). Large intestine (c). Food pipe (d). Liver

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Q14. Which one is not a ruminant animal?

- (a). Dog (b). Cow (c). Buffalo (d). Deer

Q15. Utilization of digested food to obtain energy is called

- (a). Ingestion (b). Digestion (c). Absorption (d). Assimilation

Q01. Fill in the blanks.

- (a). Saliva is secreted in the mouth by _____.
- (b). Largest gland in human body is _____.
- (c). Tongue help in _____ and _____.
- (d). Insulin is released by _____.
- (e). HCl is released by _____ in the stomach.
- (f). Saliva is secreted in mouth by _____.
- (g). _____ is produced by liver.
- (h). Food is pushed down into the stomach by _____.
- (i). Amoeba digest its food in the _____.
- (j). Digestion of starch starts in _____.
- (k). Total number of canines teeth in adult human beings are _____.

Q02. Write True or False

- (a). The large intestine absorbs water and minerals.
- (b). Pancreas is the largest gland in our body.
- (c). Amoeba ingests food with the help of pseudopodia.
- (d). Villi help in digestion of food.
- (e). Animals can digest cellulose.
- (f). Tongue help in mixing of food with saliva.
- (g). Large intestine absorbs digested food.
- (h). Rhythmic contraction and relaxation of food pipe is called peristalsis.
- (i). Small finger-like projection in small intestine help in digestion of food.
- (j). There are 8 premolars and molars in adult mouth.

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Q03. Match the following

Column A

- (a). Liver
- (b). Large intestine
- (c). Rectum
- (d). Stomach
- (e). Villi

Column B

- i. Acid release
- ii. Release of faecal matter
- iii. Absorption of digested food
- iv. Bile release
- v. Absorption of water

Column A

- (a). Incisor
- (b). Canine
- (c). Molar
- (d). Tongue
- (e). Salivary gland

Column B

- i. Grinding and crushing food
- ii. Biting the food
- iii. Tearing food
- iv. Release enzyme
- v. Mixing of food

Column A

- (a). Mastication
- (b). Ruminant
- (c). Ptyalin
- (d). Ingestion in amoeba
- (e). Bile storing organ

Column B

- i. Gall bladder
- ii. Pseudopodia
- iii. Teeth
- iv. Cellulose digesting
- v. Saliva

Column A

- (a). Carbohydrates
- (b). Proteins
- (c). Fats
- (d). Vitamins
- (e). Roughage

Column B

- i. Do not contain nutrient.
- ii. Glucose
- iii. Amino acids
- iv. Fatty acids
- v. Provide immunity

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- Q04.** What is mastication?
- Q05.** What are enzymes? Give one example.
- Q06.** What is digestion? Why it is important?
- Q07.** Where is bile produced? Which component of the food does it help to digest?
- Q08.** What are villi? Write its function?
- Q09.** What are ruminants? How do they digest cellulose?
- Q10.** Which gland release gastric juice? What is its function?
- Q11.** What are ruminants? Name the four compartments of their stomach?
- Q12.** What Oral Rehydration Solution?
- Q13.** Mention the important functions of pancreas.
- Q14.** Name the main organs of human digestive system.
- Q15.** Why do we get instant energy from glucose?
- Q16.** Write one similarity and one difference in nutrition in amoeba and human beings.
- Q17.** Name the enzyme released from the following glands in human digestive system.
- (a). Salivary glands (b). Gastric glands (c). Pancreas (d). Liver
- Q18.** Provide single term for the following:
- (a). The organ which stores bile.
- (b). Finger-like outgrowth in the small intestine.
- (c). The part of amoeba which help in capturing food.
- (d). The longest part of alimentary canal.
- (e). The part which feels the taste of different food items.
- Q19.** Which part of digestive canal is involved in
- (a). Absorption of food (b). Chewing of food
- (c). Killing of Bacteria (d). Complete digestion of food
- (e). Formation of faeces