



KINETICS

We Nurture The Future

IIT-JEE | Medical | Foundations

Nutrition in Animals

Question 1.

Which of the following is not a part of digestive system ?

- (a) Mouth cavity
- (b) Stomach
- (c) Food pipe
- (d) Wind pipe

▼ [Answer](#)

(d) Wind pipe

Wind pipe is not a part of digestive system.

Question 2.

The largest gland in our body is:

- (a) Liver
- (b) Salivary gland
- (c) Pancreas
- (d) Gallbladder

▼ [Answer](#)

(a) Liver

The largest gland in our body is liver.

Question 3.

The acid secreted in the stomach is:

- (a) Hydrochloric acid
- (b) Sulphuric acid
- (c) Phosphoric acid
- (d) Nitric acid

▼ [Answer](#)

(a) Hydrochloric acid

The acid secreted in our stomach is hydrochloric acid.

Question 4.

The components of food absorbed in large intestine is:

- (a) Carbohydrate
- (b) Protein
- (c) Water
- (d) Fats

▼ [Answer](#)

(c) Water

The component of food absorbed in large intestine is water.

Question 5.

Bile is produced by:

- (a) Small intestine
- (b) Gallbladder
- (c) Liver
- (d) Pancreas

▼ [Answer](#)

(d) Pancreas

Bile is produced by pancreas.

Question 6.

Bile plays an important role in the digestion of:

- (a) Proteins
- (b) Starch
- (c) Fats
- (d) None of these

▼ [Answer](#)

(c) Fats

Bile plays an important role in the digestion of fats.

Question 7.

The intestinal juice digests the fats into:

- (a) Fatty acids
- (b) Glycerol
- (c) Fatty acid and glycerol
- (d) Amino acids

▼ [Answer](#)

(c) Fatty acid and glycerol

The intestinal juice digests the fats into fatty acid and glycerol.

Question 8.

The intestinal juice digests the proteins into:

- (a) Fatty acids
- (b) Glycerol
- (c) Amino acids
- (d) None of these

▼ [Answer](#)

(c) Amino acids

The intestinal juice digests the proteins into amino acids.

Question 9.

The removing of faecal matter through the anus is called:

- (a) Digestion
- (b) Absorption
- (c) Egestion
- (d) None of these

▼ [Answer](#)

(c) Egestion

The removing of faecal matter through the anus is called egestion.

Question 10.

Humans can digest cellulose:

- (a) Yes
- (b) No
- (c) Can't say
- (d) None of these

▼ [Answer](#)

(b) No

Humans cannot digest cellulose.

Question 11.

Saliva breaks down the:

- (a) Starch into amino acids
- (b) Proteins into amino acids
- (c) Starch into sugar
- (d) None of these

▼ [Answer](#)

(c) Starch into sugar

Saliva breaks down the starch into sugar.

Question 12.

Left over food in teeth release, which gradually damages teeth.

- (a) bases
- (b) salts
- (c) acids
- (d) none of these

▼ [Answer](#)

(c) acids

Left over food in teeth release acids which gradually damages teeth.

Question 13.

The front part of tongue is sensitive to which of the following taste ?

- (a) Sweet
- (b) Sour
- (c) Salty
- (d) Bitter

▼ [Answer](#)

- (a) Sweet

The front part of tongue is sensitive to sweet taste.

Question 14.

The digestion of starch starts in:

- (a) Mouth
- (b) Stomach
- (c) Small intestine
- (d) None of these

▼ [Answer](#)

- (a) Mouth

The digestion of starch starts in mouth.

Question 15.

The part of digestive system where no digestion takes place is:

- (a) Mouth
- (b) Stomach
- (c) Oesophagus
- (d) Small intestine

▼ [Answer](#)

- (c) Oesophagus

Oesophagus is a part of digestive system where no digestion takes place.

Question 16.

The digestion of food starts in which part of the digestive system:

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

▼ [Answer](#)

- (c) Mouth

The digestion of food starts in mouth.

Question 17.

Which of the following is digested in mouth ?

- (a) Sugar
- (b) Protein
- (c) Starch
- (d) All the above

▼ [Answer](#)

(c) Starch
Starch is digested in mouth.

Question 18.

The digestion of food ends in which part of the digestive system ?

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

▼ [Answer](#)

(c) Small intestine
The digestion of food ends in small intestine of the digestive system.

Question 19.

Which teeth in the mouth are used for cutting and tearing ?

- (a) Molar
- (b) Incisors
- (c) Premolar
- (d) Canine

▼ [Answer](#)

(d) Canine
Canine are used for cutting and tearing.

Question 20.

The end part of tongue is sensitive to which of the following taste ?

- (a) Sweet
- (b) Sour
- (c) Salty
- (d) Bitter

▼ [Answer](#)

(d) Bitter
The end part of tongue is sensitive to bitter taste.

Question 21.

In amoeba, ingestion of food takes place with the help of:

- (a) Tentacles
- (b) Pseudopodia

- (c) Stomata
- (d) None of these

▼ [Answer](#)

- (b) Pseudopodia

In amoeba, ingestion of food takes place with the help of pseudopodia

Question 22.

The undigested food is eliminated through:

- (a) Anus
- (b) Caecum
- (c) Rectum
- (d) None of these

▼ [Answer](#)

- (a) Anus

The undigested food is eliminated through anus.

Question 23.

Villi are present in the inner walls of:

- (a) Stomach
- (b) Small intestine
- (c) Large intestine
- (d) None of these

▼ [Answer](#)

- (b) Small intestine

Villi are present in the inner walls of small intestine.

Question 24.

Grass eating animals quickly swallow the grass and store it in a part of stomach called:

- (a) Gall bladder
- (b) Rumen
- (c) Lower stomach
- (d) None of these

▼ [Answer](#)

- (b) Rumen

Grass eating animals quickly swallow the grass and store it in a part of stomach called rumen.

Question 25.

Grass is rich in:

- (a) Proteins
- (b) Starch
- (c) Cellulose
- (d) None of these

▼ [Answer](#)

(c) Cellulose
Grass is rich in cellulose.

Question 26.
In amoeba, the food particles are trapped in:
(a) Pseudopodia
(b) Food vacuole
(c) Stomach
(d) None of these

▼ [Answer](#)

(b) Food vacuole
In amoeba, the food particles are trapped in food vacuole.

Question 27.
The gland located just below the stomach is:
(a) Liver
(b) Pancreas
(c) Gall bladder
(d) None of these

▼ [Answer](#)

(b) Pancreas
Pancreas is the gland located just below the stomach.

Question 28.
Number of canines present in an adult are:
(a) 4
(b) 6
(c) 8
(d) 16

▼ [Answer](#)

(a) 4
Number of canines present in an adult are 4.

Question 29.
The teeth which helps in biting the food are the:
(a) Canines
(b) Incisors
(c) Premolar
(d) Molars

▼ [Answer](#)

(b) Incisors

The teeth which helps in biting in food are the incisors.

Match Column A with Column B:

Question 1.

Column A	Column B
(a) Salivary gland	(i) Bile juice secretion
(b) Stomach	(ii) Storage of undigested food
(c) Liver	(iii) Saliva secretion
(d) Rectum	(iv) Acid release
(e) Small intestine	(v) Digestion is completed
(f) Large intestine	(vi) Absorption of water

▼ Answer

Column A	Column B
(a) Salivary gland	(iii) Saliva secretion
(b) Stomach	(iv) Acid release
(c) Liver	(i) Bile juice secretion
(d) Rectum	(ii) Storage of undigested food
(e) Small intestine	(v) Digestion is completed
(f) Large intestine	(vi) Absorption of water

Question 2.

Column A	Column B
(a) Absorption of food	(i) Mucous
(b) Chewing of food	(ii) Stomach
(c) Killing of bacteria	(iii) Buccal cavity
(d) Formation of faeces	(iv) Small intestine
(e) Protects lining of the stomach	(v) Large intestine

▼ Answer

Column A	Column B
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(a) Absorption of food	(iv) Small intestine
(b) Chewing of food	(iii) Buccal cavity
(c) Killing of bacteria	(ii) Stomach
(d) Formation of faeces	(v) Large intestine
(e) Protects lining of the stomach	(i) Mucous

Question 3.

Column A	Column B
(a) Canine	(i) biting
(b) Molars	(ii) tearing
(c) Incisors	(iii) no digestion
(d) Oesophagus	(iv) chewing

▼ [Answer](#)

Column A	Column B
(a) Canine	(ii) tearing
(b) Molars	(iv) chewing
(c) Incisors	(i) biting
(d) Oesophagus	(iii) no digestion

State whether the following statements are 'True' or 'False':

Question 1.

Digestion of starch starts in the stomach.

▼ [Answer](#)

False

Question 2.

The tongue helps in mixing food with saliva.

▼ [Answer](#)

True

Question 3.

The gall bladder temporarily stores bile.

▼ [Answer](#)

True

Question 4.

The ruminants bring back swallowed grass into their mouth and chew it for some time.

▼ [Answer](#)

True

Question 5.

Bile acts on fat present in food.

▼ [Answer](#)

True

Question 6.

Digestion is the process by which digested food is absorbed.

▼ [Answer](#)

False

Question 7.

An adult has 22 permanent teeth.

▼ [Answer](#)

False

Question 8.

Gastric juice is secreted by the small intestine.

▼ [Answer](#)

False

Question 9.

In our body, the food is digested and absorbed in the alimentary canal.

▼ [Answer](#)

True

Question 10.

Chewing of the cud is shown by ruminants.

▼ [Answer](#)

True

Question 11.

Villi are finger-like out-growths in the inner walls of stomach.

▼ [Answer](#)

False

Question 12.

Cud is the partially digested food in grass eating animals.

▼ [Answer](#)

True

Question 13.

Grass is rich in cellulose.

▼ [Answer](#)

True

Question 14.

The process of taking food into the body is called egestion.

▼ [Answer](#)

False

Question 15.

Saliva breaks down the starch into sugars.

▼ [Answer](#)

True

[Fill in the blanks:](#)

Question 1.

The main steps of nutrition in humans are , , , and

▼ [Answer](#)

ingestion, digestion, absorption, assimilation and egestion

Question 2.

The largest gland in the human body is

▼ [Answer](#)

liver

Question 3.

The stomach releases hydrochloric acid and juices which acts on food.

▼ [Answer](#)

gastric

Question 4.

The inner wall of the small intestine has many finger-like outgrowths called

▼ [Answer](#)

villi

Question 5.

Amoeba digests its food in the

▼ [Answer](#)

food vacuole

Question 6.

Iodine will turn starch

▼ [Answer](#)

blue-black

Question 7.

Fats are broken down into and

▼ [Answer](#)

fatty acids, glycerol

Question 8.

Finger-like projections of Amoeba are called

▼ [Answer](#)

villi

Question 9.

..... is a leaf-like gland present below the stomach.

▼ [Answer](#)

Pancreas

Question 10.

Undigested food is egested out of the body through the

▼ [Answer](#)

anus

Question 11.

Saliva is secreted by

▼ [Answer](#)

salivary glands

Question 12.

Food is digested by special chemicals called

▼ [Answer](#)

digestive enzymes

Question 13.

Digestion starts in

▼ [Answer](#)

mouth

Question 14.

The longest part of the digestive tract in man is the intestine.

▼ [Answer](#)

small

Question 15.

The food is ingested inside the in amoeba.

▼ [Answer](#)

food vacuole

Question 16.

The liver and are found near the stomach.

▼ [Answer](#)

pancreas

Question 17.

..... and are called grinding teeth.

▼ [Answer](#)

Molar, premolars

Question 18.

The food in amoeba is captured by

▼ [Answer](#)

pseudopodia

Question 19.

The digestion of food does not occur in of digestive tract.

▼ [Answer](#)

oesophagus
