

NUTRITION IN ANIMALS

I. Answer the following questions:

1. Assertion (A) : Food pipe runs through neck and chest.
Reason (R) : When food is not accepted by our stomach it is vomited out.
2. Assertion (A) : Liver secretes a juice called bile juice.
Reason (R) : Bile juice is stored in liver.
3. Assertion (A) : Digestion of carbohydrates, like starch, begins in buccal cavity.
Reason (R) : The digested food is absorbed in the blood vessels from small intestines.
4. Assertion (A) : Food is pushed down the food pipe which runs through the neck and chest.
Reason (R) : The peristalsis movement of the wall of the food pipe is a continuous process.
5. Assertion (A): Assertion: Ingestion of food is difficult without teeth.
Reason (R): Our teeth vary in appearance and perform different functions.
6. Which of the following pair of teeth differ in structure but are similar in function?
(a) canines and incisors.
(b) molars and premolars.
(c) incisors and molars.
(d) premolars and canines.
7. Read carefully the terms given below. Which of the following set is the correct combination of organs that do not carry out any digestive functions?
(a) Oesophagus, Large Intestine, Rectum
(b) Buccal cavity, Oesophagus, Rectum
(c) Buccal cavity, Oesophagus, Large Intestine
(d) Small Intestine, Large Intestine, Rectum
8. Read the following statements with reference to the villi of the small intestine.
(i) They have very thin walls.
(ii) They have a network of thin and small blood vessels close to the surface.
(iii) They have small pores through which food can easily pass.
(iv) They are finger-like projections. Identify those statements which enable the villi to absorb digested food

(a) (i), (ii) and (iv)
(b) (ii), (iii) and (iv)
(c) (iii) and (iv)
(d) (i) and (iv)