

Class test

Nutrition in animals FM 20

Assertion and reason

1. Assertion (A): Digestion of proteins starts in the stomach.

Reason (R): Pepsin enzyme breaks proteins into simpler substances.

2. Assertion (A): Large intestine absorbs digested food.

Reason (R): The large intestine mainly absorbs water and salts.

3. Assertion (A): Ingestion is the process of taking food into the body.

Reason (R): It is the first step of nutrition.

4. Assertion (A): Bile juice helps in digestion of fats.

Reason (R): Bile juice contains enzymes that digest fats.

5. Assertion (A): Amoeba uses pseudopodia to capture food.

Reason (R): Pseudopodia help Amoeba in movement and engulfing food.

6. Assertion (A): Ruminants can digest cellulose easily.

Reason (R): They have cellulose-digesting bacteria in their rumen.

7. Assertion (A): Small intestine is the main site of digestion and absorption.

Reason (R): Digestion is completed here and digested food is absorbed into the blood.

Situation based question

A. Riya ate food from a roadside stall. After a few hours, she started passing loose and watery stools frequently. She felt weak and thirsty.

8. What condition is Riya suffering from? (1)

9. Why does her body lose a lot of water during this condition?(1)
10. Which simple home-based solution can help prevent dehydration? (1)
11. Why is it important to drink fluids during this condition? (1)
12. Mention one cause of this problem. (1)

B. Amit avoids eating fruits and vegetables and drinks very little water. He finds it difficult to pass stool and does not go to the toilet regularly.

13. What digestive problem is Amit facing? (1)
14. Which nutrient is lacking in his diet? (1)
15. How does this nutrient help in proper bowel movement? (1)
16. Mention two lifestyle changes that can help Amit. (1)

Subjective type of question

17. Mention all steps of digestion in single celled living organisms along with diagrams and explain. (4)

1. (a)

2. (a)

3. (a)

4. ©

5. (a)

6. (a)

7. (a)

A.

8. Diarrhoea

9. Due to frequent passing of watery stools, excess water is lost from the body

10. ORS (Oral Rehydration Solution)

11. To replace lost water and salts and prevent dehydration

12. Eating contaminated food / infection (any one)

B.

13. Constipation

14. Dietary fibre (roughage)

15. It adds bulk to food and helps in easy movement of waste through the intestine.

16. 1. Eat fruits, vegetables, and whole grains

2. Drink plenty of water

3. Exercise regularly (any two)