

CHAPTER :2- NUTRITION IN ANIMALS

WORKSHEET

f.m = 25

Date: 05.05.2020

Q1.MULTIPLE CHOICE QUESTIONS:. (4x1=4)

a)The process of chewing food is known as

- i) peristalsis ii) mastication
- iii) digestion iv) nutrition

b) Which of these statements is true about the permanent set of teeth of humans?

- 1)It contains 32 teeth,16 in each jaw
 - 2)There are 4 incisors in each jaw
 - 3)There are 4 canines in each jaw
 - 4)There are 4 molars in each jaw
- i)1&2 ii)2&3 iii)3&4 iv)1&4

c) Which part of the alimentary canal is not involved in digestion?

- i)mouth ii) oesophagus
- iii) stomach iv) intestine

d)A bag-like structure in Amoeba in which the food is digested

- i)vacuole ii) gall bladder
- iii) Intestine iv) stomach

Q2.GIVE ONE WORD ANSWERS : (5x1=5)

a)J-shaped bag-like structure in digestive system.

b)White colored structures found in the mouth cavity.

C)Dark green to yellowish brown, watery fluid produced by liver.

d) The first chamber of the ruminant's digestive system.

e)The organ which secretes pancreatic juices.

Q3.ASSERTION-REASONING QUESTIONS (2x1=2)

For Questions no.(a) and (b),two statements are given- one labelled Assertion (A) and the other labelled Reason (R). Select the correct answer to these questions from the codes (i),(ii),(iii)&(iv)as given below.

i)Both A and R are true and R is correct explanation of the assertion A.

ii)Both A and R are true ,but R is not the correct explanation of the assertion A.

iii)A is true ,but R is false.

iv)A is false ,but R is true

a) Assertion(A):The process of digestion starts in the mouth.

Reason (R):Mouth contains teeth and teeth help in breaking the food into small pieces which can be easily swallowed and digested.

b) Assertion(A): Amoeba is a microscopic organism.

Reason (R): Amoeba shows its movement with the help of finger-like projections , called villi.

Q4.Answer these questions :-

a) What is the role of Saliva in the digestion of food? (2)

b) Explain what happens to digested food when it enters the blood stream ? (3)

c) What is the role of Hydrochloric acid in the stomach of Humans? (2)

d) Amit took some grains of boiled rice in test-tube A and shalini took boiled and chewed rice in test-tube B. Both of them poured 1-2 drops of iodine solution into the test-tubes and observed the color change. What color change would they have observed ?Give reasons for your answer. (5)

e) The bacteria present on uncleaned teeth convert the sugar in food onto a substance 'X' , which causes tooth decay.Name the substance'X'.Which part of the teeth does it affect ? (2)