

Class 7 Revision

11/4/20

1. Name the following; $5 \times 1 = 5$

i) the structure that carry water & minerals from the soil to the leaf. xylem.

ii) the nutrients contained in manures and fertilisers. (14) nitrogen, pot phosph.

iii) the organelle that contains chlorophyll
chloroplast

iv) the gas that is released during photosynthesis. Oxygen.

v) the cells that surround stomata. Guard cells.

2. Answer the following questions. (15)

i) why is mistletoe called partial parasite? (2) (13) & (14)

ii) what is saprotrophic nutrition? give example Pg. 13) (2)

iii) why is photosynthesis important for plants and other living organisms? (3) (12)

iv) Write an experiment to show that sunlight is important for photosynthesis? $5 + 3 = (8)$

8/4/20

Class 7.

Revision

1. Answer the following. $5 \times 2 = 10$

i) What is osmosis? $5 \times 2 = 10$

ii) Write the chemical equation of photosynthesis. 8

iii) What is nutrition? 7

iv) How does photosynthesis maintains balance of carbon dioxide and oxygen in nature? 12

v) What is symbiosis? Give example. $[14]$

2. Fill in the blanks. $5 \times 1 = 5$

i) The bacteria present in the root nodules of leguminous plants _____

ii) The scientist who ~~discovered~~ coined the term photosynthesis. Charles Reid Banner.

iii) Plants store food as starch

iv) The mode of nutrition in ~~leaves~~ Cuscuta is _____ parasitic

v) In desert plant like cactus the leaves are modified into spines. (10)

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Class - assessment

16/4/20

1. Answer the following questions $5 \times 2 = 10$.

i) Name the four chambers found in the stomach of ruminants. (Pg 28)

ii) Name the different tastes that can be detected by our tongue. Salty, sour, bitter, sweet-

iii) What is plaque? (22)

iv) What is digestion?

v) What is assimilation?

2. Fill in the blanks: $5 \times 1 = 5$

i) The process by which the undigested food is removed from the body is called _____.

ii) Insects have _____ to suck liquid food.

iii) Paramecium have fine hair like structures called _____ to help in procurement of food.

iv) The hardest substance that covers the teeth is called enamel.

v) Teeth helps in marication of food.

3. Draw a neat diagram of Human Digestive system and label it. (5)

Class 7

class assessment

21/4/20.

1. Answer the following questions.

i) Discuss the structure and functions of each type of teeth. (4) (2/1)

ii) What are the functions performed by the tongue. (4) (2/3)

iii) Name the digestive glands in the Digestive System.

What happens to carbohydrates, fats and proteins in the final stage of assimilation. (1+3) (2/6)

iv) Which part of the alimentary canal is involved in

a) mastication of food by killing of bacteria
b) Absorption of food
c) formation of faeces. (4)

v) Name the following: 4 x 1 = 4.

a) the largest part of the alimentary canal. *Small intestine*

b) ~~the part of the alimentary canal~~

c) the wavy movement of oesophagus.

Peristalsis

d) the flap like valve that closes the passage of windpipe *Epiglottis*

e) the enzyme present in saliva *Amylase*

C.1/13/7

class assessment

23/4/20

1. Answer the following.

- i) What are dominant? (2) (28) (22)
- ii) Differentiate milk teeth and permanent teeth? (3)
- iii) What are villi? What is their function? (2)
- iv) What happens to the undigested food in the body? (3) (26)
- v) What is pseudopodia? How does it help the organism? (2) (27)
- vi) What is the action of intestinal juice on the following components -
a) Carbohydrate by Proteins c) fats. (3) (25, 26)

2. State whether the given statements are True or False. $5 \times 1 = 5$

i) The largest gland in the body is Pancreas. Liver

ii) Hydrochloric acid is secreted in stomach. ✓

iii) Carbohydrate is ^{first} broken by an enzyme secreted by salivary glands. ✓

iv) Hydra procures its food with the help of tentacles. ✓

v) Canines are cutting teeth: tearing teeth.