

CLASS: 6 BIOLOGY
CH: 4 Digestive System in Humans

Ex-A MCD

- | | |
|-----------------|------------|
| 1. Oesophagus | 4. Amylase |
| 2. Liver | 5. Pepsin |
| 3. Gall bladder | |

Ex-B True / False

- | | |
|----------|----------|
| 1. False | 4. False |
| 2. True | 5. True |
| 3. False | |

Ex-C Blanks :-

- | | |
|---------------|------------------------------|
| 1. Salivary | 4. Tongue |
| 2. oesophagus | 5. fatty acids and glycerol. |
| 3. fats | |

Ex-D Match

- | | |
|------|-----------------|
| 1. — | Small intestine |
| 2. — | stomach |
| 3. — | liver |
| 4. — | Large intestine |
| 5. — | Rectum. |

Ex-E Short Q- Ans

- Ans-1 It converts starch into simple sugar.
- Ans-2 It secretes gastric juice.
- Ans-3 It helps in absorption.
- Ans-4 It stores bile juice, secreted by liver.
- Ans-5 It helps to moisten the food and makes it easier to swallow.

Ans-6 Buccal cavity, food pipe, stomach, small intestine, large intestine, anus.

Ans-7 Bile juice. It helps in digestion of fats in small intestine.

Ans-8 It kills bacteria and makes the medium acidic.

Ans-9 Because absorption of water and egestion of wastes occur in large intestine.

Ans-10 When food is not digested properly.

Ans-11 Chew your food slowly.

Always wash hands before and after eating.

Eat a balanced diet.

Ans-12 Carbohydrates, proteins, fats.

Ans-13 Pepsin, trypsin.

Ans-14 It convert starch into simple sugar. It is released in the buccal cavity.

Ans-15 Pg-39 Fig. 4.1

HOTS

1. Because it is the simplest form of sugar & is digested very quickly.

2. No, because our body needs other nutrients also.

3. Because food may go into wind pipe.

CLASS: 6

BIOLOGY

CH: 5

HUMAN RESPIRATORY SYSTEM

Ex-A MCO

1. respiration
2. exchange of gases
3. lungs
4. 21%
5. lime water.

Ex-B True/False

1. False
2. False
3. False
4. True
5. False

Ex-C Blanks

1. breathing
2. exhalation
3. inhalation & exhalation.
4. physical
5. muscular

Ex-D Short Q/Ans

Ans-1 In the neck region.

Ans-2 Trachea divides into two tubes called bronchi.

Ans-3 It takes place in the air sacs.

Ans-4 Curved position.

Ans-5 Ribs move up and outwards.

Ans-6 Composition of exhaled air -

oxygen - 16.4%, carbon di-oxide - 4.4%

nitrogen - 79%

Ans-7 Number of times a person breathes in a minute.

Ans-8 Inhalation and exhalation.

Ans-9 Process of release of energy by breaking down of food in the cells is called cellular respiration.

Ans-10 It is a response of the body to expel the unwanted particles in the inhaled air.

Ans-11 Breathing:- It involves exchange of gases. It is a physical process. No energy is released.

Respiration:- It is breakdown of food in the cells. It is a chemical process. Energy is released.

Ans-12 Because increased body activity means increased amount of oxygen is required.

Ans-13 It is a disease caused by viral infection or exposure to chemicals and pollutants.

HOTS:-

1. Divers carry an oxygen tank with them for breathing. They can't take oxygen dissolved in water because they breathe with lungs.
2. Because energy level of our body decreases after physical activity.