

Chapter 4: Human Digestive System

Worksheet 1

1. Fill in the blanks.

- (i) The _____ teeth are used for biting food.
- (ii) Saliva breaks down starch into _____ .
- (iii) Food stays in _____ for 2 – 4 hours.
- (iv) _____ intestine is about 6 metres long, whereas _____ intestine is about 1.5 metres long.
- (v) _____ is a leaf-like pink gland in human body.

2. Give one function each of the following.

- (i) Saliva
- (ii) Villi
- (iii) Digestive glands
- (iv) Liver
- (v) Teeth

3. Write T for true and F for false statement.

- (i) Proteins are formed of fatty acids and glycerol.
- (ii) Pulses are a rich source of fats.
- (iii) Ingestion is the intake of food from outside.
- (iv) Milk teeth are a set of 15 teeth.
- (v) Liver lies just below the intestine.

4. Match the following.

Column A

- (i) Watery secretion of salivary glands
- (ii) Finger-like structures in small intestine
- (iii) Glands of stomach
- (iv) Wisdom teeth
- (v) Lymph vessel in villi

Column B

- (a) Villi
- (b) Lacteal
- (c) 3rd molars
- (d) Gastric glands
- (e) Saliva

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Worksheet 2

1. Tick the correct answer.

- (i) An enzyme contained in saliva is
(a) pepsin (b) trypsin (c) amylase (d) lipase
- (ii) This acid kills bacteria coming into stomach with food.
(a) hydrochloric acid (b) nitric acid
(c) sulphuric acid (d) carbonic acid
- (iii) Breakdown of food into simpler form with the help of enzymes is termed as
(a) ingestion (b) egestion (c) digestion (d) absorption
- (iv) Which of these are called biocatalysts?
(a) Fats (b) Enzymes (c) Proteins (d) Carbohydrates
- (v) Milk teeth are without
(a) canines (b) incisors (c) premolars (d) molars

2. Cross the odd one out.

- (i) Incisors, Canines, Molars, Wisdom teeth
- (ii) Ingestion, Digestion, Absorption, Churning
- (iii) Mouth, Tongue, Salivary gland, Diaphragm
- (iv) Trypsin, Amylopsin, Pepsin, Steapsin
- (v) Carbohydrates, Proteins, Fats, Hydrochloric acid

3. Give one word answer.

- (i) The expelling of undigested food through anus
- (ii) A substance used by body cells as fuel during respiration
- (iii) A lymph vessel in each villus
- (iv) Making a film of bile around fat molecules
- (v) A fleshy muscular structure which helps in speaking

4. Draw and label the following.

- (i) Four different types of human teeth
- (ii) Location of different taste buds on the tongue
- (iii) Human liver