

# Multiple-choice test

## Chapter 7: Animal nutrition

Click on the correct answer to each question.

- 1 Which food would provide calcium for tooth formation?  
  - A cabbage
  - B milk
  - C oranges
  - D liver
- 2 Which nutrient helps collagen to form?  
  - A carbohydrates
  - B iron
  - C vitamin C
  - D vitamin D
- 3 Why is digestion necessary?  
  - A to destroy harmful microorganisms in the food
  - B to make food pass easily through the alimentary canal
  - C to make nutrient molecules small enough to be absorbed
  - D to release the energy from nutrients
- 4 Which is a correct sequence of organs through which food passes in the alimentary canal?  
  - A oesophagus, stomach, small intestine
  - B stomach, small intestine, pancreas
  - C small intestine, pancreas, liver
  - D pancreas, liver, large intestine
- 5 In which organs is protease secreted?  
  - A gall bladder and liver
  - B mouth and large intestine
  - C stomach and pancreas
  - D oesophagus and small intestine

- 6 What is the name for the muscular contractions that move food through the alimentary canal?
- A assimilation
  - B digestion
  - C peristalsis
  - D sphincter muscle
- 7 Which component of pancreatic juice provides a suitable pH for the enzymes to work in the duodenum?
- A mucus
  - B lipase
  - C protease
  - D sodium hydrogencarbonate
- 8 Which is the correct sequence in which food is dealt with in the body?
- A ingestion, digestion, absorption, assimilation
  - B digestion, assimilation, absorption, ingestion
  - C assimilation, ingestion, absorption, digestion
  - D absorption, digestion, ingestion, assimilation
- S** 9 How do bile salts help with digestion?
- A They break large droplets of fat into small ones.
  - B They contain lipase, which digests fats.
  - C They kill bacteria in the food.
  - D They provide an acidic environment.
- 10 Which part of the alimentary canal absorbs most water from food?
- A mouth
  - B stomach
  - C small intestine
  - D colon