

Name:

Class:



What is the name given to a group of cells performing the same function?

A tissue

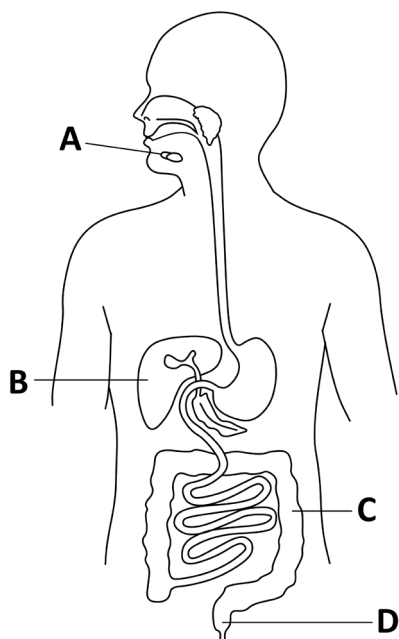
Give an example of an **antagonistic** pair of muscles.

Biceps and triceps.

Accept any correct example.

The diagram below shows part of the human digestive system.

i. Label the following structures.



A = **Salivary gland(s).**

B = **Liver.**

C = **Colon / large intestine.**

D = **Rectum.**

ii. Name the process of muscular contractions that moves matter through the digestive system.

Peristalsis

What did Gregor Mendel discover?

- A** A theory for how life on Earth started
- B** How characteristics are inherited in pea plants
- C** The shapes of the DNA molecule
- D** The theory of natural selection

An organism has the genotype TT. Which term describes this organism?

- A** Homozygous dominant
- B** Heterozygous recessive
- C** Heterozygous dominant
- D** Homozygous recessive

What is meant by the term “species”?

A group of similar organisms that can reproduce to produce fertile offspring.

Describe a test to show that a sample of food contains glucose.

Test: add Benedict's solution and heat the sample.

Positive result: if there is a colour change glucose is present.

Brick red colour is the most commonly accepted correct colour change.

In the space below give the **word** equation for aerobic respiration.

glucose + oxygen → carbon dioxide + water