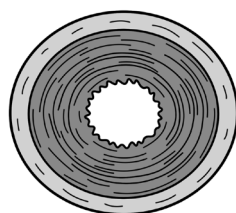


Name:

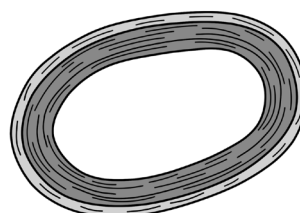
Class:



The figure below shows a section of an artery and a vein.



artery



vein

- i. Describe **two** differences in structure between the artery and the vein shown in the diagram.

.....

.....

.....

- ii. Write down **one structural** difference between arteries and veins that is not shown in the diagram.

.....

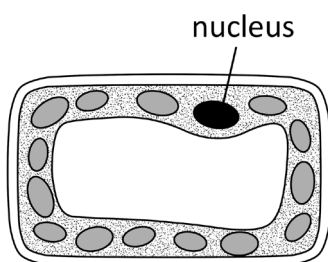
What is the word equation for aerobic respiration?

- A** carbon dioxide + water → glucose + oxygen
- B** glucose + carbon dioxide → oxygen + water
- C** glucose + oxygen → carbon dioxide + water
- D** oxygen + water → carbon dioxide + glucose

Which of these hormones is involved in the control of the menstrual cycle?

- A** Insulin
- B** Progesterone
- C** Testosterone
- D** Auxin

Look at the diagram showing a plant cell.



The diameter of the nucleus in the diagram is 10 millimetres. The actual size of the nucleus is 10 micrometres. Calculate the magnification of the diagram.

Magnification = ...

What **three conditions** will cause an enzyme to be denatured?

.....

.....