

Human defence systems (skin, nose, trachea, white blood cells)

Q1. (2018)

0 1 . 2 White blood cells help to defend the body against pathogens.

How do the white blood cells do this?

[3 marks]

Tick **three** boxes.

- Clone pathogens ☐
- Engulf pathogens ☐
- Produce antibiotics ☐
- Produce antibodies ☐
- Produce antitoxins ☐
- Produce toxins ☐

Q2. (2020)

A)

The body defends itself against pathogens in different ways.

0 4 . 2 Give **two** ways that the body prevents pathogens entering the body.

[2 marks]

- 1 _____
- 2 _____

B)

0 4 . 3 If pathogens do enter the body the immune system tries to destroy the pathogens.

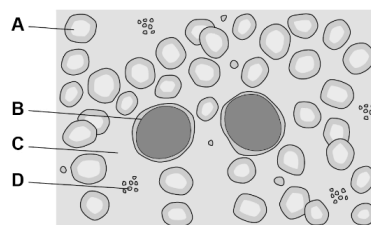
Describe how the immune system defends the body against disease.

[6 marks]

Q3. (2022)

Figure 8 shows blood viewed using a microscope.

Figure 8



0 5 . 7 A vaccine will stimulate the production of antibodies.

Which part of the blood in **Figure 8** produces antibodies?

[1 mark]

Tick (✓) **one** box.

- A ☐ B ☐ C ☐ D ☐

Q4. (2023)

0 4 . 8 Draw **one** line from each description to the person in **Table 2** it describes.

[2 marks]

Description	Person in Table 2
	Person W
Person most likely to have an infection	Person X
Person whose blood will not clot properly	Person Y
	Person Z