

10.1 Diseases & Immunity

Question Paper

Course	CIEIGCSE Biology
Section	10. Diseases & Immunity
Topic	10.1 Diseases & Immunity
Difficulty	Hard

Time allowed: 10

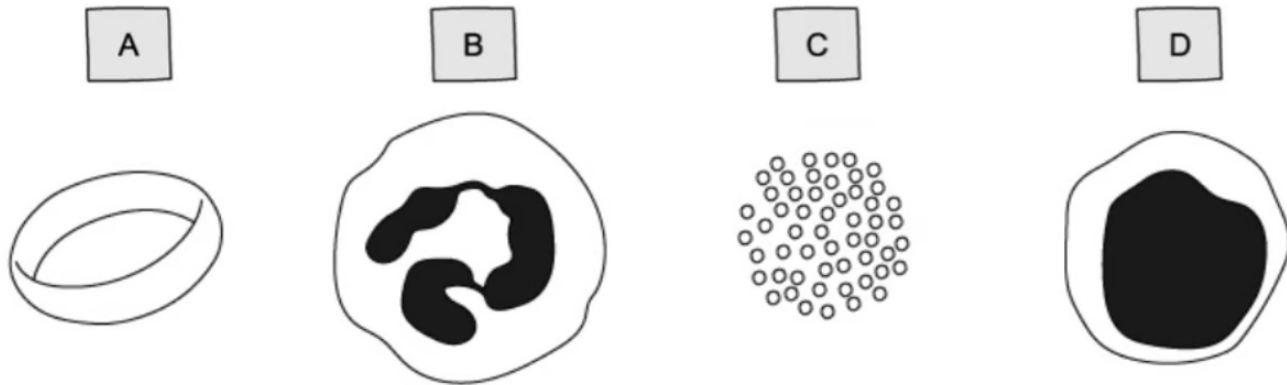
Score: /5

Percentage: /100

Question 1

Components of the blood from a mammal are shown in the diagram below.

In which component would you expect to find the remains of the breakdown of bacterial cells.



[1 mark]

Question 2

There are numerous ways in which a person can acquire antibodies, giving immunity to a disease. Some of these are:

- 1 Vaccination
- 2 Infection by disease
- 3 A baby feeding on breast milk

Which of the options would give a person active immunity?

- A** 1 and 2 only **B** 1, 2 and 3 **C** 1 and 3 only **D** 2 and 3 only

[1 mark]

Question 3

Which row in the table below correctly describes the attributes of passive immunity?

	Effective period	Antibodies made	Involves production of memory cells
A	Long term	Yes	No
B	Long term	Yes	Yes
C	Short term	No	No
D	Short term	No	Yes

[1 mark]

Question 4

What happens when a person is vaccinated against measles?

	Type of immunity	Production of memory cells
A	Passive	Yes
B	Passive	No
C	Active	Yes
D	Active	No

[1 mark]

Question 5

Passive and active immunity have which of the following features in common?

- 1 They are always long-term.
- 2 They always involve the activity of memory cells.
- 3 They involve antibodies.
- 4 They can be acquired by vaccination.

A 1 and 2 **B** 3 only **C** 2 and 3 **D** 3 and 4

[1 mark]