

10.1 Diseases & Immunity

Question Paper

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

Time allowed: 20
Score: /10
Percentage: /100

Question 1

The blood contains lymphocytes. What is their purpose?

- A** Transport of hormones
- B** Phagocytosis
- C** Antibody production
- D** Sensitivity

[1 mark]

Question 2

The immune system recognises which part of a pathogen?

- A** Antibiotic
- B** Antigen
- C** Active site
- D** Antibody

[1 mark]

Question 3

The body has a number of barriers to prevent infection by pathogens.

Which of the options below are both chemical barriers?

- A Skin and hairs in the nose
- B Mucus and antibodies
- C Skin and stomach acid
- D Mucus and stomach acid

[1 mark]

Question 4

Which of the following diseases listed below are not caused by infectious pathogens?

- 1 Coronary Heart Disease
- 2 Cholera
- 3 AIDS
- 4 Scurvy

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

[1 mark]

Question 5

What is a pathogen?

- A** A transmissible disease
- B** A phagocyte that engulfs bacteria
- C** A disease-causing organism
- D** A bacterial cell

[1 mark]

Question 6

Which of the following could be transmitted from one person to another during a blood transfusion?

- A** Scurvy
- B** Chronic Obstructive Pulmonary Disease (COPD)
- C** Cholera
- D** Human Immunodeficiency Virus (HIV)

[1 mark]

Question 7

In many multicellular animals, pathogens are recognised as foreign and are attacked by the immune system.

Which feature of pathogens triggers an immune response?

- A** Antigens
- B** Antibiotics
- C** Phagocytes
- D** Antibodies

[1 mark]

Question 8

Which body defence listed below acts as a chemical barrier?

- A** Mucus lining the airways
- B** Antibody production
- C** Hairs in the nose
- D** Phagocytosis

[1 mark]

Question 9

When a tissue is transplanted from a female donor to a male recipient, it may be rejected.

What is the main cause of this rejection?

- A** The presence of an X chromosome
- B** The action of platelets
- C** The action of antibiotics
- D** Antibody production

[1 mark]

Question 10

Which of the options below is an example of a transmissible disease?

- A** Obesity
- B** Tooth decay
- C** Cholera
- D** Rickets

[1 mark]

