

Immune System & Physical and Chemical Barriers

| 1 | Name two physical barriers that humans have to prevent invasion by pathogens and explain how | |
|-------|--|------------------|
| | they work. | |
| a) . | | |
| | | |
| ••• | | |
| b) | | |
| ••• | | |
| ••• | | |
| 2 | | [6 marks] |
| 2 | Name a chemical barrier that humans have to prevent invasion by pathogens an works. | d explain how it |
| | WOIKS. | |
| ••• | | |
| • • • | | |
| 3 | If a pathogen does make it inside the body, then the immune system takes over | [2 marks] |
| | What type of cell is responsible for carrying out the immune response? | |
| a) | what type of een is responsible for earlying out the infinitine response: | |
| ••• | | |
| b) | What is the difference between antibodies and antigens? | |
| ••• | | |
| | | |
| رت | What is phagocytosis? | [2 marks] |
| C) | w hat is phagocytosis: | |
| ••• | | |
| ••• | | |
| | | |
| | | |
| | | [5 marks] |

| GCSE Biology |
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| , | How do antitoxins work? |
|----|--------------------------------|
| | |
| e) | [1 mark] What are antibodies? |
| | |
| | [2 marks |
| | [Total 15 marks] |