Lower 6 quick immunity test

1. Fill in boxes 1-4 in the following flowchart: (4 marks)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | Defence mechanisms |  |  |  |
|  |  |  |  |  |  |  |
|  | Non specific |  |  |  | Specific |  |
|  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 1 |  | 2 |  | 3 |  | 4 |

1. Describe phagocytosis (4 marks)

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1. Fill in the gaps.

Cell-mediated immunity involves cells called ................................................. which respond to body cells that have been invaded by non-self material. Once they are activated they divide by ........................................ to form a ................................ Some cells develop into ............................................. cells which enable a rapid response to future infections by the same ........................................

Some become ................................... cells which stimulate B cells to divide.

Some can stimulate ..................................... to engulf pathogens. Some can .......................... infected cells.

........................................ immunity involves cells called B lymphocytes, which produce ..........................................

Activated B lymphocytes are called ...................................... cells and secrete antibodies which are specific to ...................................... on the surface of non-self cells.