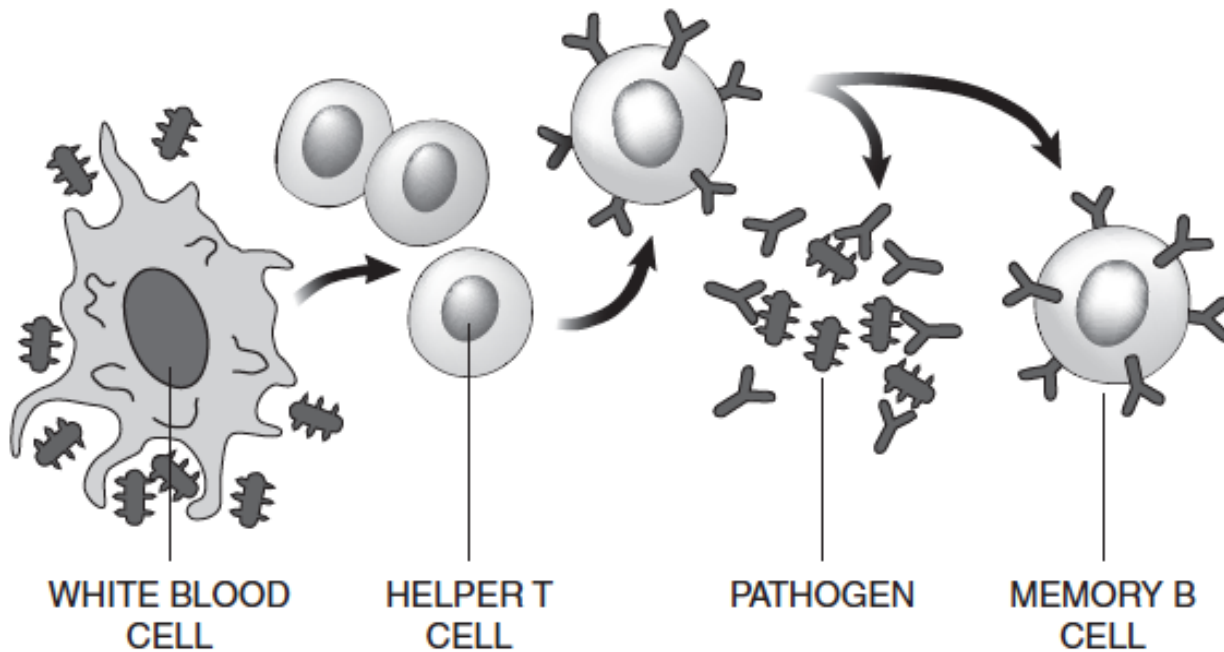


2010 Biology

Question 20

The diagram illustrates an immune response.



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Below is a list of statements, each describing a step in the immune response.

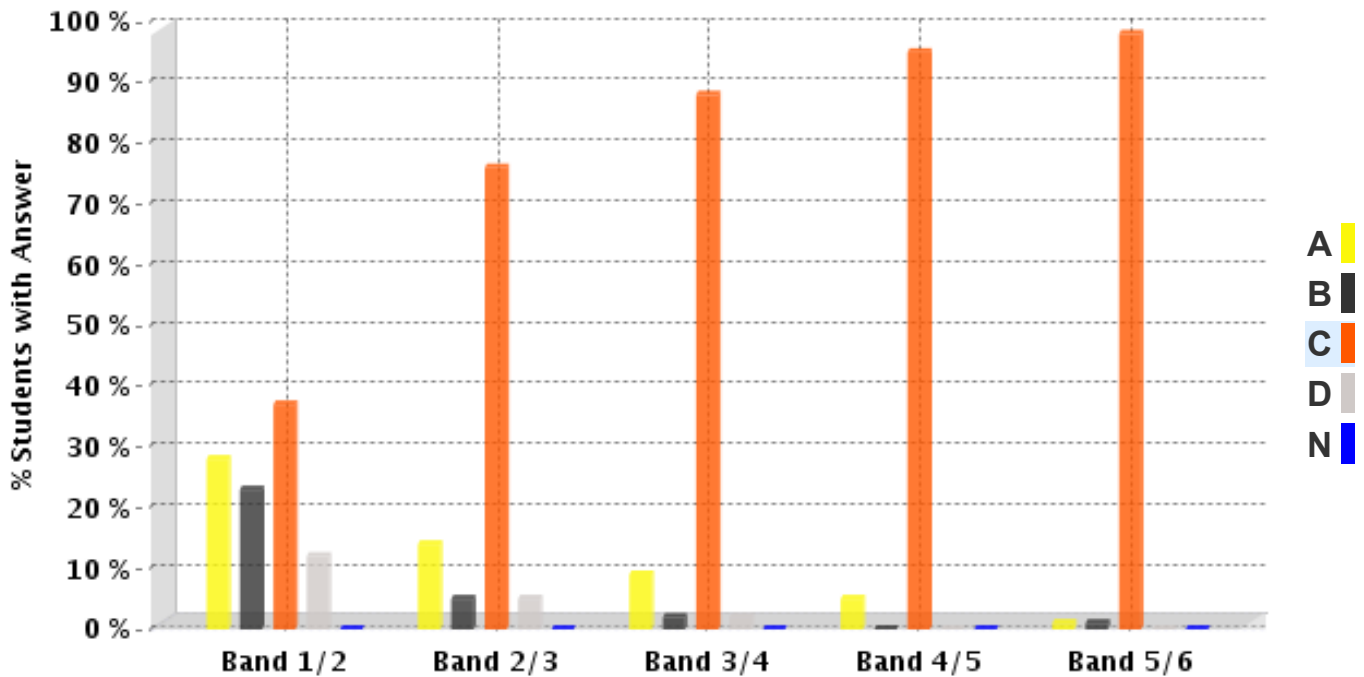
1. Antibodies are produced to immobilise the pathogens.
2. B cell is activated by a helper T cell.
3. Helper T cells are activated by the white blood cell.
4. Memory B cell is ready to respond to further infections.

What is the correct sequence of events?

- A 2, 3, 1, 4
- B 2, 3, 4, 1
- C 3, 2, 1, 4
- D 3, 4, 2, 1

2010 Biology

HSC Statistics on this Question:



	Band 1/2	Band 2/3	Band 3/4	Band 4/5	Band 5/6
A	28%	14%	9%	5%	1%
B	23%	5%	2%	0%	1%
C	37%	76%	88%	95%	98%
D	12%	5%	2%	0%	0%
N	0%	0%	0%	0%	0%

The table and graph show, for the groups of students whose marks in the examination corresponded to the borderline between two bands, what percentages of each group selected the responses A, B, C and D. N is used to identify: No valid response.