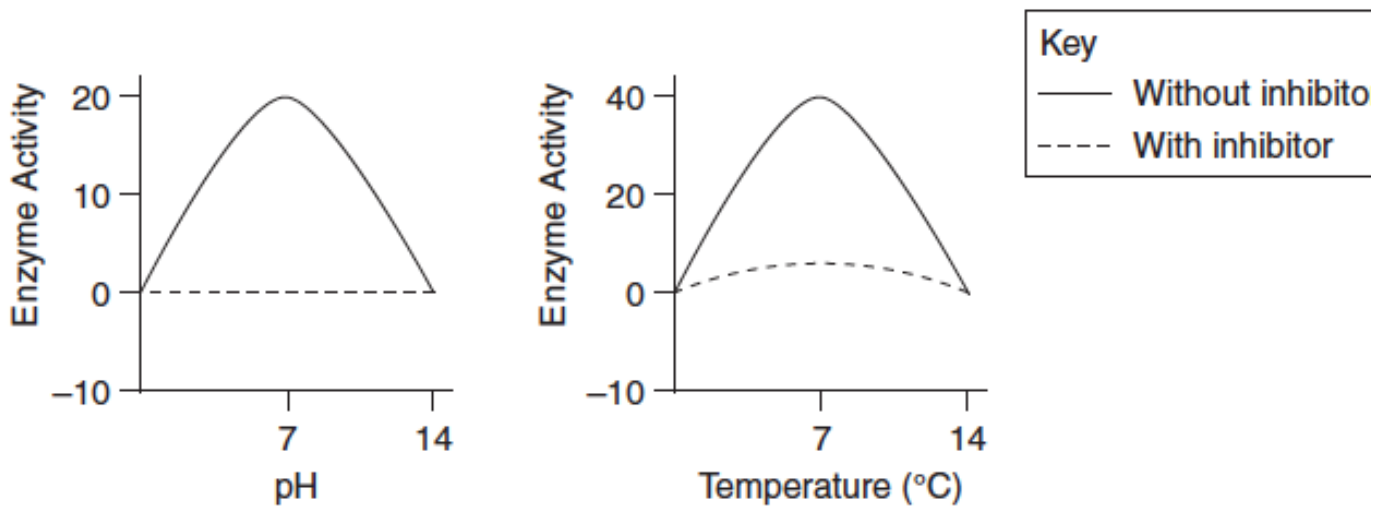


2010 Biology

Question 9

Experiments were carried out to show the effects of pH and temperature on enzyme activity. The experiments also tested the effects of a chemical called an inhibitor. The results are shown in the graphs.

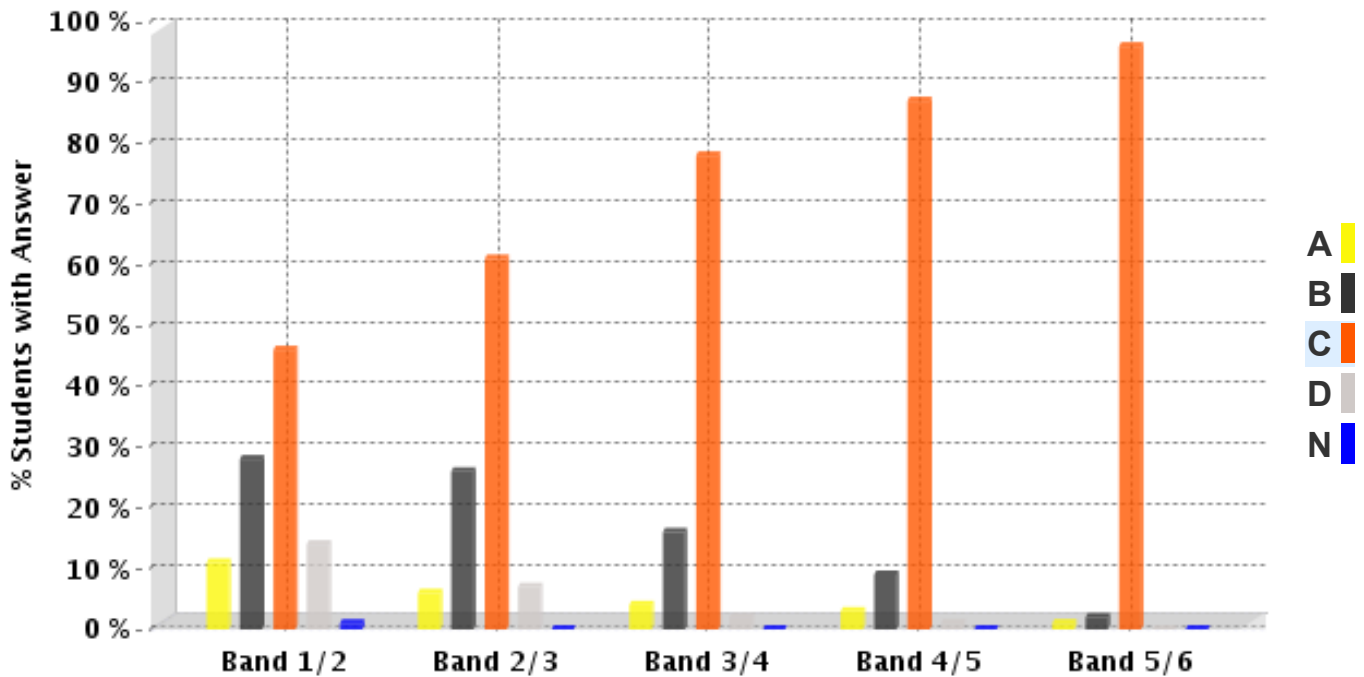


The best conclusion that can be drawn from these results is that the inhibitor affects

- A ✗ pH.
- B ✗ temperature.
- C ✓ enzyme activity.
- D ✗ enzyme concentration.

2010 Biology

HSC Statistics on this Question:



	Band 1/2	Band 2/3	Band 3/4	Band 4/5	Band 5/6
A	11%	6%	4%	3%	1%
B	28%	26%	16%	9%	2%
C	46%	61%	78%	87%	96%
D	14%	7%	2%	1%	0%
N	1%	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.