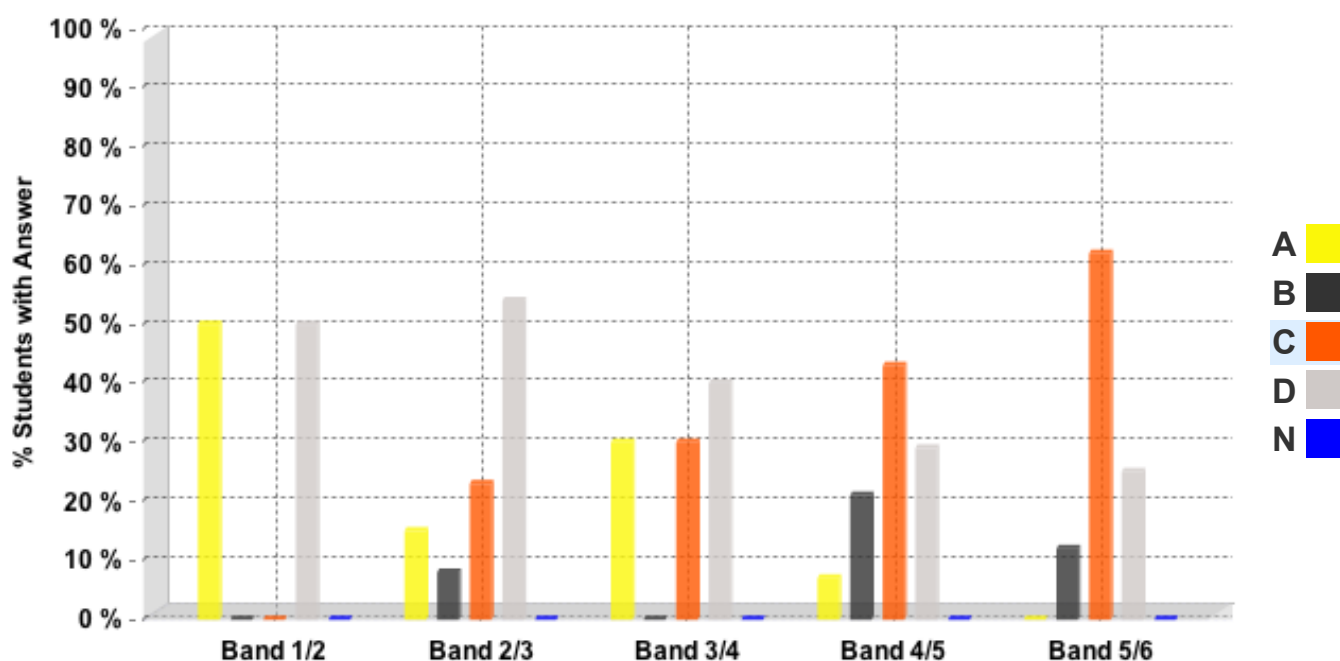


Question 15

As the temperature surrounding a positive temperature coefficient (PTC) thermistor rises within its targeted range, the current in the circuit will

- A ✗ remain constant.
- B ✗ cease flowing.
- C ✓ decrease.
- D ✗ increase.

HSC Statistics on this Question:



	Band 1/2	Band 2/3	Band 3/4	Band 4/5	Band 5/6
A	50%	15%	30%	7%	0%
B	0%	8%	0%	21%	12%
C	0%	23%	30%	43%	62%
D	50%	54%	40%	29%	25%
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.

Note that apparent anomalies in the table and graph, such as 0% or 100% of students choosing a particular response, can occur when there are no students (or very few students) who scored the particular examination mark associated with that borderline.