

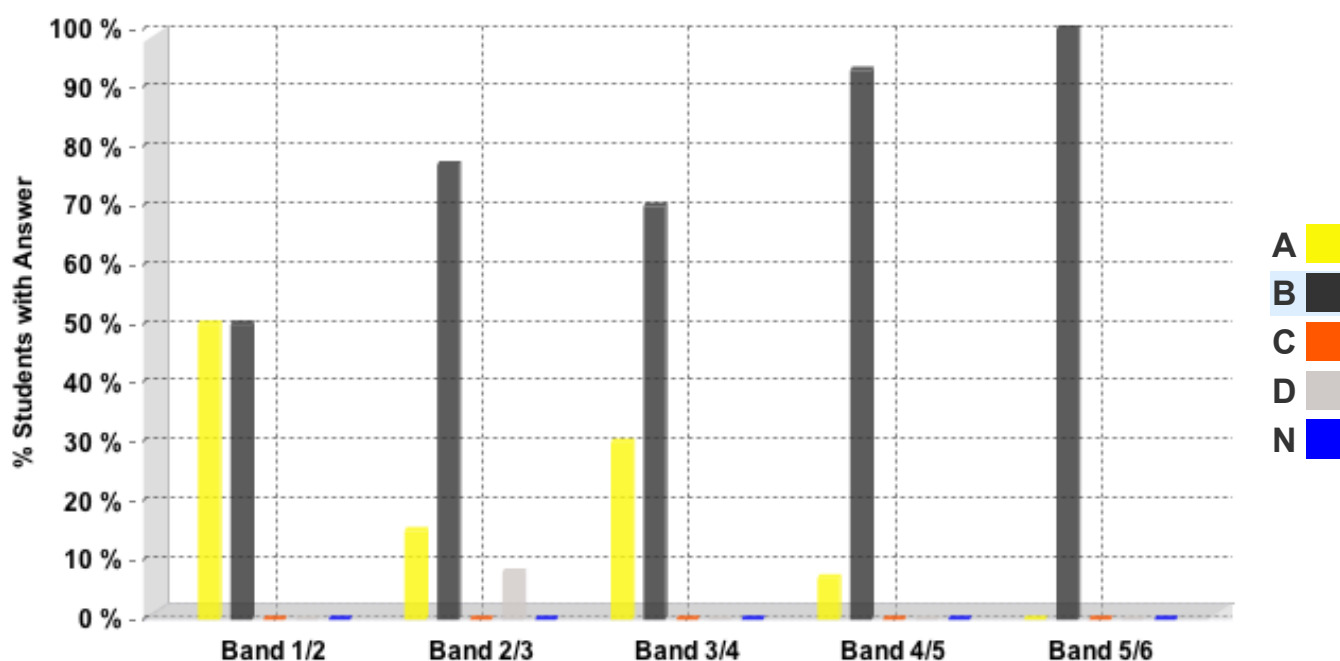
Question 13

Five lamps are connected in parallel to a supply.

What happens if lamp 3 becomes open circuit?

- A No lamps will be lit.
- B All lamps except 3 will be lit.
- C Lamps 1, 2 and 5 will be lit.
- D Lamps 4 and 5 will be lit.

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	50%	77%	70%	93%	100%
C	0%	0%	0%	0%	0%
D	0%	8%	0%	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.

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.