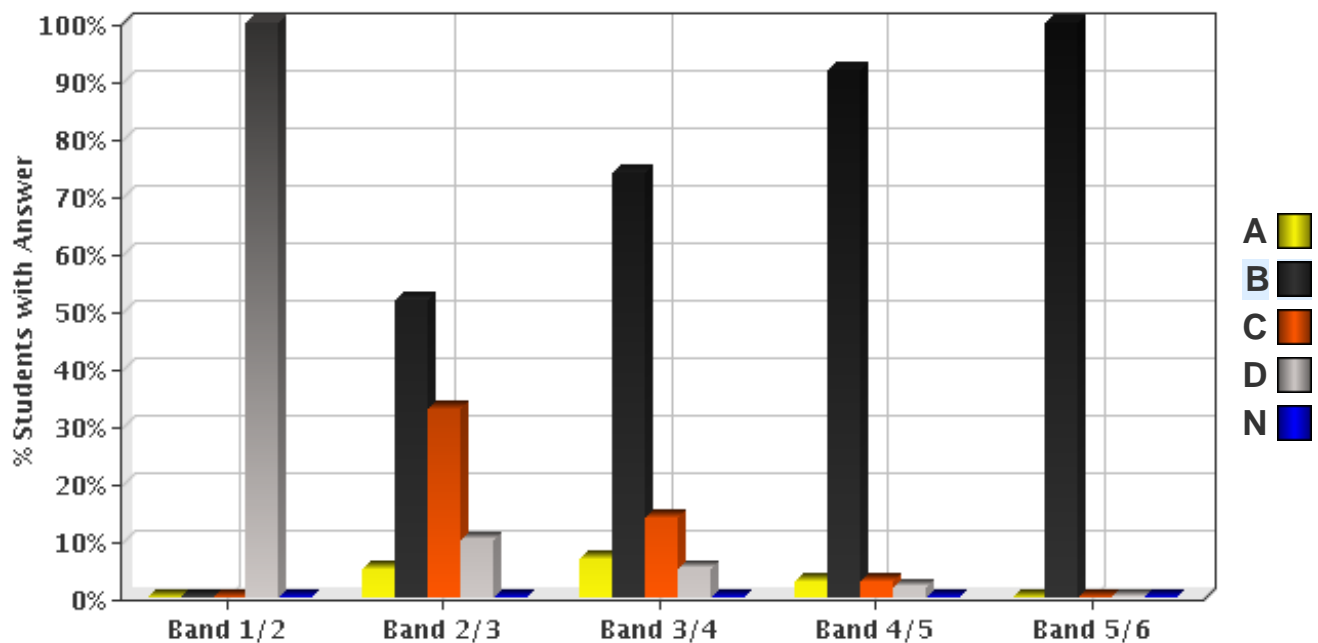


## Question 7

What is the primary purpose of a fuse in an electrical circuit?

- A  To allow the current to flow into the circuit
- B  To protect the circuit against excessive current flow
- C  To ensure the current is maintained at the correct amperage
- D  To ensure continued current flow in the event of a short circuit

### HSC Statistics on this Question:



	Band 1/2	Band 2/3	Band 3/4	Band 4/5	Band 5/6
A	0%	5%	7%	3%	0%
B	0%	52%	74%	92%	100%
C	0%	33%	14%	3%	0%
D	100%	10%	5%	2%	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.