

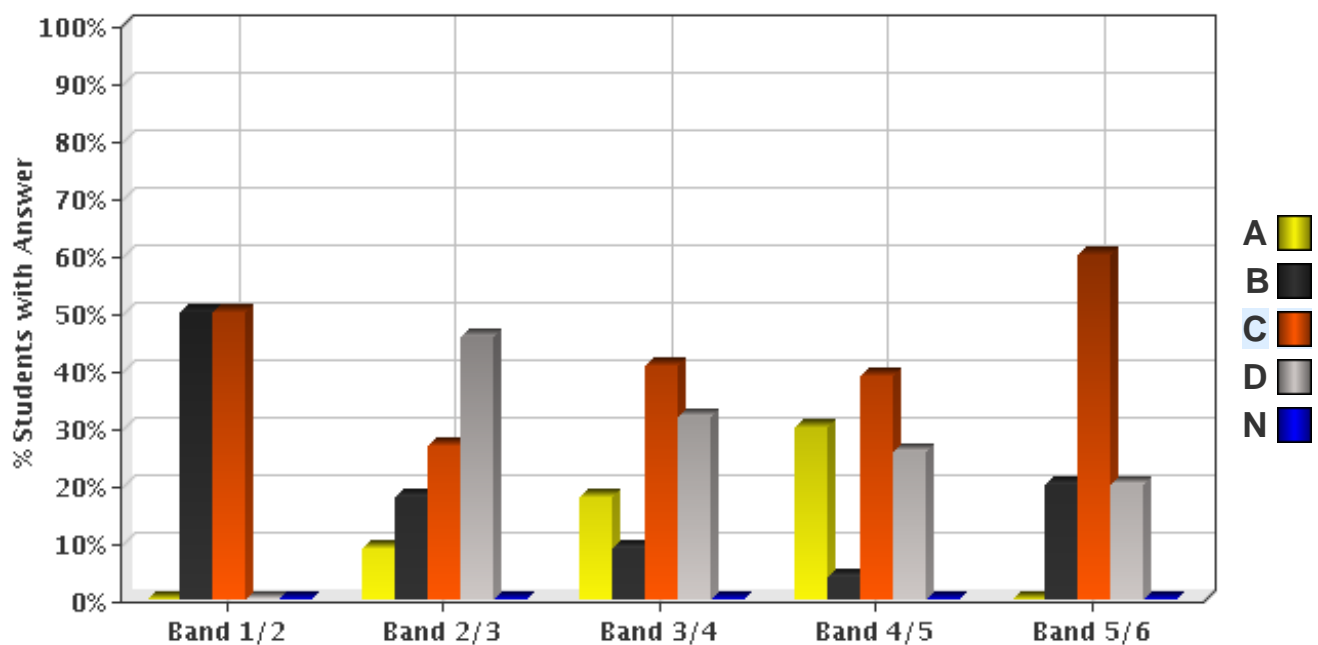
## Question 14

Two cells with unequal output voltage are connected in parallel, but without load.

What will the resulting current be limited by?

- A  The external resistance of the cells
- B  The sum of the voltage of each cell
- C  The difference between the voltage of each cell
- D  The load resistance and the internal resistance of the cells

### HSC Statistics on this Question:



	Band 1/2	Band 2/3	Band 3/4	Band 4/5	Band 5/6
A	0%	9%	18%	30%	0%
B	50%	18%	9%	4%	20%
C	50%	27%	41%	39%	60%
D	0%	46%	32%	26%	20%
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.