2010 Information Processes and Technology

## Question 1

A library maintains a card-based system, indexed by title, to help borrowers find books. There is only one card for each book containing data on the title, the publisher, the author, the topics, the date of publication and a location number.

Using the card-based system, which of the following would enable the user to determine the location of a book?

A $\times$ The author's name but not the title
$B \backsim$ The title but not the date of publication
C $\times$ The book's publisher but not the author
$\mathrm{D} \times$ The topics that a book covers but not the title

## HSC Statistics on this Question:



## Band 1/2 Band 2/3 Band 3/4 Band 4/5 Band 5/6

| A 17\% | $14 \%$ | $8 \%$ | $7 \%$ | $4 \%$ |
| :--- | :--- | :--- | :--- | :--- |
| B 55\% | $68 \%$ | $81 \%$ | $86 \%$ | $92 \%$ |
| C 12\% | $4 \%$ | $1 \%$ | $1 \%$ | $0 \%$ |
| D 13\% | $14 \%$ | $10 \%$ | $6 \%$ | $2 \%$ |
| N 3\% | $0 \%$ | $0 \%$ | $0 \%$ | $1 \%$ |

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.

