(c) **Answer this part of this question on a sheet of graph paper.**

Another frequency table for the same speeds is

Speed (v km/h)	$30<v\leqslant40$	$40<v\leqslant55$	$55<v\leqslant60$
Frequency	27	107	16

Draw an accurate histogram to show this information.
Use 2 cm to represent 5 units on the speed axis and 1 cm to represent 1 unit on the frequency density axis (so that 1 cm² represents 2.5 cars). [5]

Oct 06 Paper 4

7 **(a)** The quiz scores of a class of n students are shown in the table.

Quiz score	6	7	8	9
Frequency (number of students)	9	3	a	5

The mean score is 7.2. Find

(i) a, [3]

(ii) n, [1]

(iii) the median score. [1]