

# CHAPTER 6: STATISTICS

### Cloned SPM Question (2006, Paper 2)

The diagram below shows the donations, in RM, collected by a group of 40 pupils.

Based on the data in the diagram, complete the following table by using a class interval (a) of 5.

Class interval	Midpoint	Frequency
25 - 29	27	4
30 - 34		

- (b) Based on the table in (a), estimate the mean donation collected by a pupil.
- Using a scale of 2 cm to RM5 on the horizontal axis and 2 cm to 1 pupil on the vertical (c) axis, draw a frequency polygon for the data.
- Based on the frequency polygon in (c), state one piece of information about the (d) donations.

#### Solution

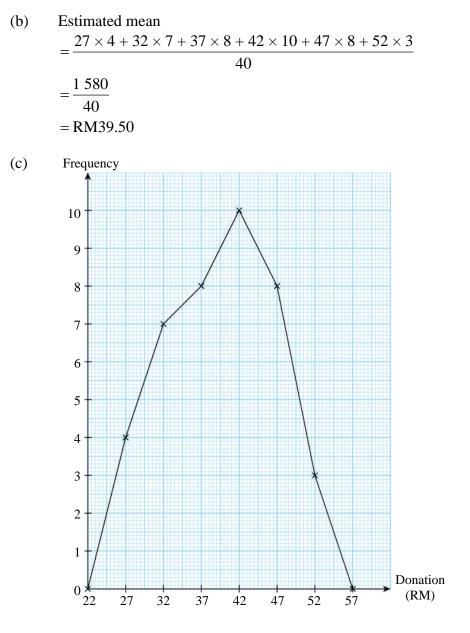
(a)

Class interval	Midpoint	Frequency
25 – 29	27	4
30 - 34	32	7
35 - 39	37	8
40 - 44	42	10
45 - 49	47	8
50 - 54	52	3

## **NEXUS SPM MATHEMATICS** FORM 4 & 5



Page 116 (More Cloned SPM Questions)



(d) The modal class for the data is 40 - 44.