

fs4u

‘Cumulative
Frequency’

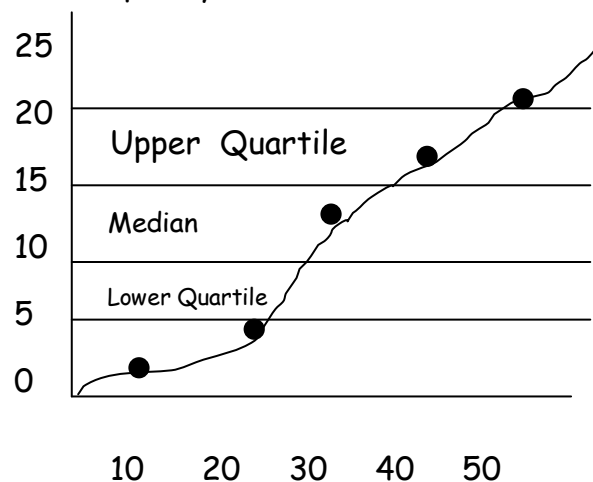
‘How To’ Booklet 32
Answers

Cumulative Frequency

Marks	Tally	Frequency
0 - 10	II	2
11 - 20	III	3
21- 30	IIII II	7
31 - 40	IIII	5
41 - 50	III	3
	Total	20

Marks	Cumulative Frequency	
less than 10	2	2
less than 20	2+3	5
less than 30	2+3+7	12
less than 40	2+3+7+5	17
less than 50	2+3+7+5+3	20

Drawing the Cumulative Frequency curve



- a) Median = **29**
- b) Upper Quartile = **35**
- c) Lower Quartile = **20**
- d) Inter-quartile range = $35 - 20 = 15$
- e) Modal Interval = **21 - 30**