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## Question 4

Step 1: Identifying the date and getting the (CF)

Camdes	frequency (f)	Cumulative Frez(cf)
0-20	4	4
20 -40	12	16
40 - 60	g	25
60 - 80	20	45
80 -100	(5	60

Step 2: Finding the median class

- \* total No of student =  $\leq f = 60$ \* Median position = (N/2) = 60/2 = 30
- .. the commulative frequency that is just before 30 is as, and the next class interval is 60-80
  - : 60-80 is the me dian class.

Step 3: Applying the Median formular

Step 11: Substituting the Unlues

Median = 
$$60 + \left(\frac{30 - 25}{20}\right) * 20$$

$$= 60 + \left(\frac{5}{20}\right) * 20$$