Find the mean of following frequency distribution.

Clay interval 0-10 10-20 20-30 30-40 40-50

no of workers 7 10 15 8 10

•

Find the mean of following trequency distribution. your interval 0-10 10-20 20-30 30-40 40-50 no of workers mean/md value) di=xi-25 Clay interval 0-10 -14 -90 -10 10-20 25 =(A) 20-30 30-40 20 Eliviz 4 N=5+1=50

mean = 
$$A + h \le \frac{1}{N} \le f(u)$$
  
=  $-25 + 10 \le 1.4$   
=  $25 + 0.8$   
=  $25 + 0.8$ 

find mean Clayer 0-20 20-40 60-60 80-100 40-60 18 29 21 frequency Ui=dilh dj= 24-50 -109 mid (14) Uan -2 -30 - 40 0-20 -18 -20 18 30 20-40 21 So=A 40- 60 29 20 60-80 34 40 001-06 mear) = 50+15.20 N=8 H=100

Find median 4 5 16,20 25 15 9 6 N= Efi=16 N= 8 fi = 120 16 median\_S

median = 1 median no. of abjent Student 5 6 7 8 9 10 1 5 11 14 16 13 10 70 4 no of days 1 6 17 31 47 60 70 N= 8/1

If the median of the distribution given below is 28.5 -Ind x 4 Y Clayinterval 10-20 20-30 30-40 40-50 50-60 0-10 nood Studenty 5 x 120 15 Y S = 51=60 40+X+4 45+X+4) S+X 2S+X median = 28.5 median Jay median =  $2+\left(\frac{N}{2}-F\right)$ F=20 F=5+X 38.5=30+30-5-xx - 20 X+Y=15 X=8 Y=7

median=
$$1+\frac{N-C}{2}$$
  
 $585 = 500 + \frac{50-36-x}{30}$   
 $5 = 14-x$ 

The median of the following data in 525. If the sum of the frequencies is 100, find the value of x and y.

525 में निम्नलिखित आँकड़ों की माध्यिका। यदि बारंबारताओं का योग 100 हो, तो x और y का मान ज्ञात कीजिए।

Class Intervals	Frequeency
0 - 10	2
100 - 200	5
200 – 300	x
300 - 400	12
400 - 500	17
500 - 600 —	<b>20=</b>
600 - 700	У
700 - 800	9
800 - 900	7
900 - 1000	4

cit		
チス		
36+7	x=F	
65+7	(+Y	
727	χ+Ύ χ+ч =	100
= 46		

(a) 
$$x = 46$$
,  $y = 7$ 

(b) 
$$x = 7$$
,  $y = 46$ 

(c) 
$$x = 46.25$$
,  $y = 7.5$  (d) None of the above

(aludate mean deviation about mean m.D(x)=18+114-x1 12 0 |ガーオ=|ガ-15| 74 60 90 204 207 mean=x= Still Q 135 Efix = 660 N=S1=44

## mean deviation about median