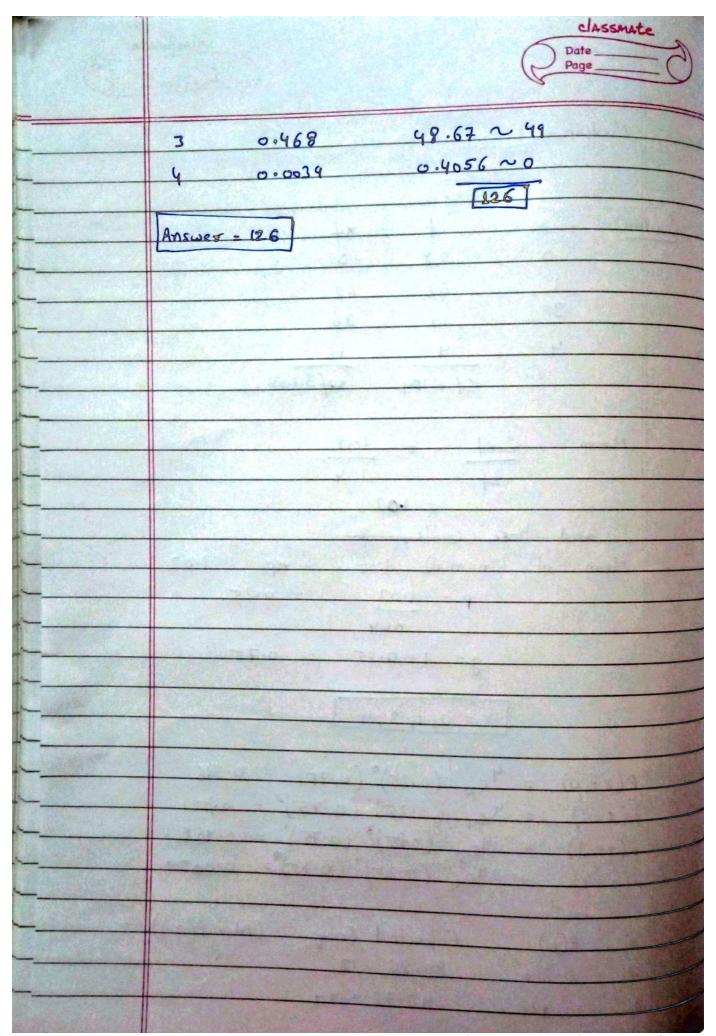
	Sahil Kaundal classmate Date 22/03/2022
	21BCS 8197 Probability & Statistics Surprise Test
Qz. Ans.	
	0-10 12 5 60
	10-20 18 15 270
	20-30 20 25 500
	30-40 25 35 875
	40-50 23 45 1035
	11.00
1018元	Mean = $\frac{5}{5}$ = $\frac{2740}{98}$ = $\frac{27.95}{98}$
	98
100000000000000000000000000000000000000	x; f cf
一般的途径 。	5 12 12
The second second	15 18 30
	25' 20 50
	35 25 75
	45 23 98
	Sf=98
	N- 90 -> N - 90 -> 40
	$N = 98 \Rightarrow \frac{N}{2} \Rightarrow \frac{98}{2} \Rightarrow 49$
	The cumulative frequency is greater than 49 is 50
	and the corresponding class is 20.30
	I=10, h=18, F=18, CF=30
	Now, Median = I+ (N/2-CF) xh
	$= 10 + \left(\frac{49-30}{18}\right) \times 18$
	$= 10 + \frac{19}{18} \times 18 = 29$

	classmate Date Page
	Median = 19
dy.	
	0 28 0
	3 10 30
	4 4 16
	St = 104 Sxf = 108
	Meax = 2xt = 108 2f 104
	= 103
	Mean of binamial dist. = np = 1.03
	Mean of binomial dist = np = 1.03 p = 1.03 = 0.25
	n=4
	g= 1-0.25 = 0.75
	r=0,1,3,4
	$P(r=0) = 4c_0 (0.25)^0 (0.75)^4 = 0.316$
Sell Control	() 4 - () 26 () .75 = 0.42
	p(x=3) = 4c3 (025)3 (0.75) = 6.468
	$\rho(x=1) = \frac{1}{2} \left(0.25\right)^{3} \left(0.75\right)' = 0.468$ $\rho(x=4) = \frac{1}{2} \left(0.25\right)^{4} \left(0.75\right)' = 0.0034$
	o per Expected freq. (NxP(x))
	0 0.316
	1 0.421 43.78 ~44



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