

-	MPC
2	Arrignment, 16.31287
2	Total no. of Students in the class = 100.
3	Total no. of Students in the class = 100. Total no. of Students passed in the class = 20 (in all subjects)
0	Probability of pass in all subjects P(panall) = 8 1/100
9	= 0.8.
3	No. of Students failed in one subject = 10.
5	Probability of failure in one subject (Pfail one) = 10 =0.1.
3	No. of students failed in two subjects = 7.
2	Probability of failure in two subjects (Pfail two) = 7 = 0.07.
2	No. of students failed in three subjects = 3.
3	Probability of failure in three subjects (fail Kne) = 3 = 0.03
3	failing in a subject then
3	The probability of failing in Osubjects, P(X=0) = 0.8.
3	The probability of failing in I subject, P(X=1) = 0.1
5	The probability of failing in 2 subjects, P(x=2) = 0.07
	The probability of failing in 3 subject, P(x=3) = 0.03.
,	The probability distribution can be shown a:

 χ
 0
 1
 2
 3

 P(χ)
 0.8
 0.1
 0.07
 0.02

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