Assignment - Rubaic BCS- 4E (15) XI no of High Reformance SED seiners Symmay ; Total = 12 Savers (9) x=0,1,213 High Performixe Probability Function $P(\chi = \chi)$: $(\frac{4}{\chi})(\frac{8}{3-\chi})$ 95D = 4 Standard HDD = 8 $\binom{12}{3}$ Selected = 3. P(x=0) = 02545 X (PCX) P(X=1) = 0.5091 02815 02815 0.0091 0.76366 P(X=2) = 0.2182 0.2182 0.9818 P(X=3) = 0.0182 0.0182 2- COF = F(X)= P(X < X) 20-2545 F(X): (0.7636 25163 वि वः 9- license number is as follows. as there are as per the rule of multiplication: 9 Parsibilities for Position eyler 5 & 8 possibilities are for last digit so, [9 x8 = 72] Dia: let 'A' for the student assuring all 5 Problems

p(A) = n(A) = (3)(3) = 21 = [0.083.] including

9. h: let 'A' for and (10) 2. b: let B' for arrivering at least Jone Problems. $P(B) = \frac{n(B)}{n(S)} = (7)(\frac{3}{7}) + (3)(\frac{3}{7})(\frac{19}{5}) = \frac{5}{252} = \boxed{0.5}$