Mo Tu We Th Fr Sa Su

Date / /

1- ncr = n!

$$i-P(B)=\frac{4}{12}\chi_{\frac{1}{11}}^{\frac{3}{11}}=\frac{1}{11}\chi_{\frac{1}{11}}^{\frac{3}{11}}=\frac{1}{11}$$

 $P(B)=\frac{2}{3}\chi_{\frac{1}{11}}=\frac{1}{33}$

$$= 1 - \frac{14}{33} = \frac{19}{33}$$

i- the Probaility That one of the three selected items is defective.

= 120 × 455 = 54600

ii- 59 × 62 = 5 × 101/2/ (10-2) = 5446 = 255

iii- the probalility that at Leastone

itemof three is defective

$$=1-\frac{24}{91}=\frac{67}{91}$$

 $P(A) = \frac{10}{30} = \frac{1}{3} \quad P(B) = \frac{15 + 101}{30}$ $= \frac{1}{3}$

PLA and B) = $\frac{5}{30} = \frac{10}{5}$ PLA on B) = $\frac{5}{30} = \frac{1}{5}$ PLA or B) = $\frac{1}{3} + \frac{1}{2} - \frac{1}{5} - \frac{2}{3}$

