

I. Probability Distribution Function (p.216):  
 Probability of “r” successes in “n” trials is given by...

$$P(r) = {}_nC_r \cdot p^r \cdot (1-p)^{n-r}$$

II. Mean & Std. Deviation (p.232):

a.  $\mu = np$

b.  $\sigma = \sqrt{np(1-p)}$  or  $\sqrt{\mu(1-p)}$

III. Examples (pp.237-241): #4,6ab,8abde,12,14bcd,  
 16bc,22ab

IV. Quota Determinations (p.236): not covered

HW: pp.237-241 / #1,3,11,13b,15ab,19abc,23abc  
 Read pp.271-281 (section 6.1)