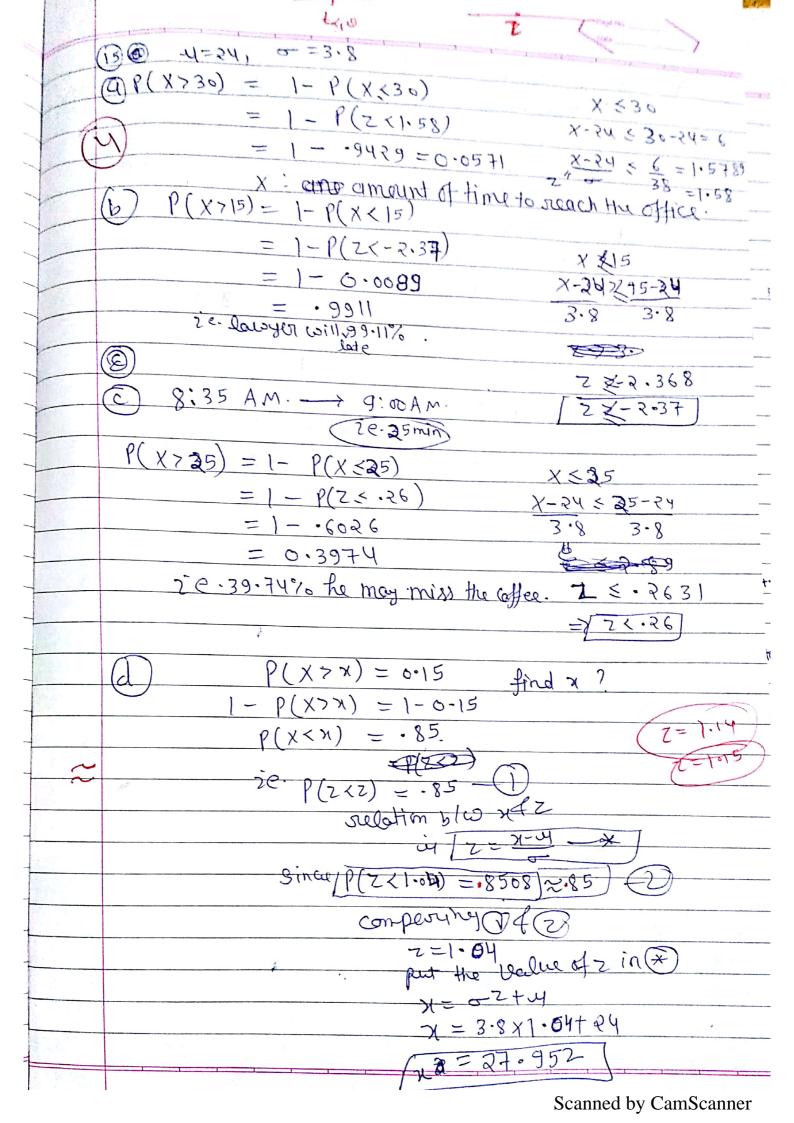
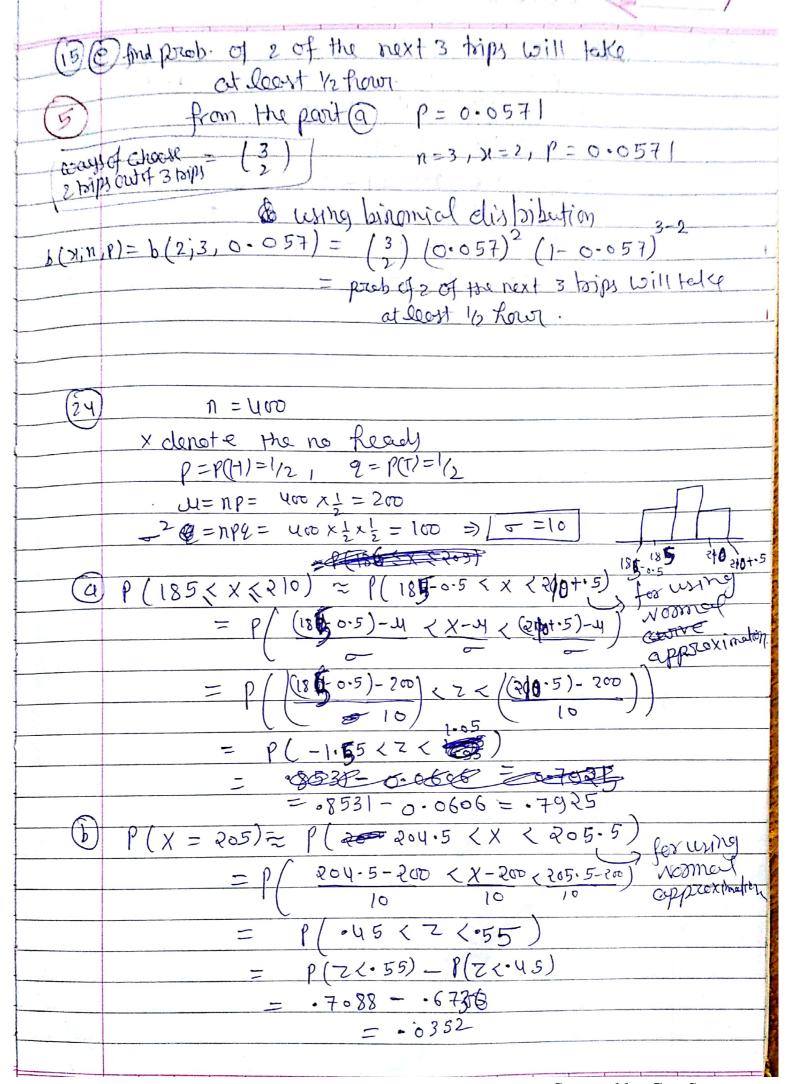
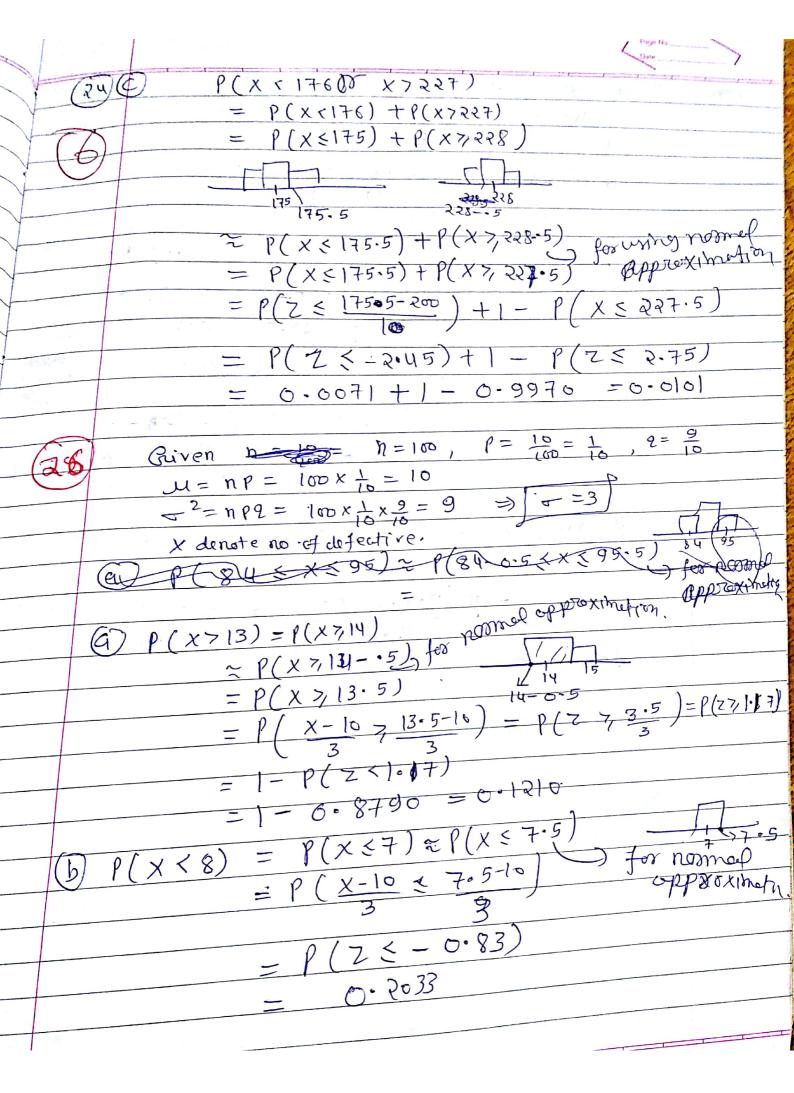


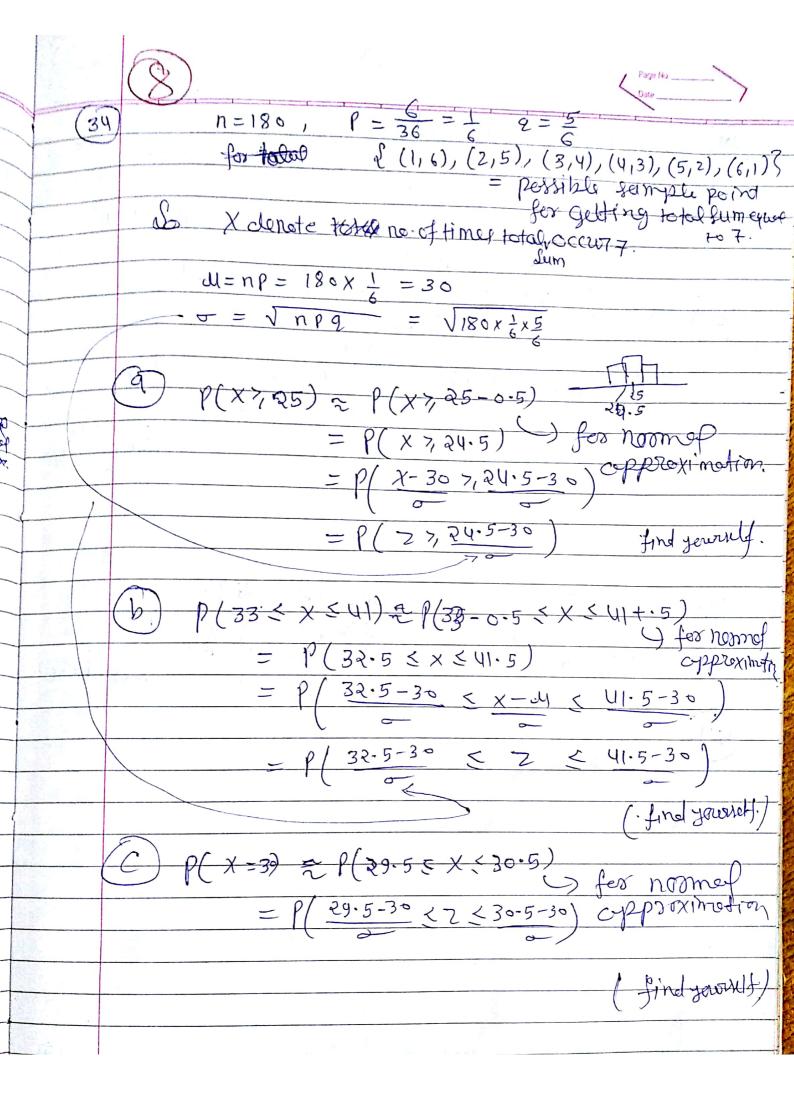
p(ZKZZ) P(ZK1-14) Zpage No. P(Z1<Z<Z2)= -75 P(Z<Zz) - P(Z<Zz) = .75 Since 0.8749 - .125) = 0.7498 ~ .75 (\mathcal{E}) La P(Z<Z2) - P(Z<Z1) = 0.8749 - 0-7498 ze-ρ(z<zz) = 0.8749, ρ(z<z1) = 0.7498 71=-1.15 Ja Zz= 1.15 Z1 = X1-4 X1 = - 21 + M X2= +72+4 X1 = 6x-1.75 +30 X2 = 6 X1.15+30 = -6.9+30 = 36.9 = 23-1 En since we know from the chobycher's inequality Plat-222X P(N-3=<X<M+3=)> = 6.888 P(M-35 < X < 4+35)= Since 4-3+ < X(4+3--3-く X-型く3 => -3 くてく3 So P(=4-3- (X<4+3-)= P(-3<2(3) = P(Z L+3)- P(Z L-3) = 0.9987 - 0.0013 一 0.9974







n = 1000, $\rho = \frac{20}{100} = 0.2$, 2 = 0.8I denote no of white telephone. U= np = 1900 x 20 = 200 $80 - 3 = 100 \times \frac{180}{100} \times \frac{180}{100} = 160$ a = 15.643110e £ = 15.649 / P(170 < X < 185) = P(170 - · 5 < X < 185 + 0 - 5) (9 = P(169.5 < x < 185.5)) for P/ 169-5-200 < X-4 < 185.5-200) prompt $= P(-2.41 \le 2 \le -1.15)$ $= P(2 \le -1.15) - P(2 < -2.41)$ = (125) - 0.0080 = -1171P(210 € X € 225) ≈ P(210- · 5 € X € 225.5) $\frac{-.p(209.5 \le X \le 225.5)}{209.5 - 200 \le 2 \le 225.5 - 200}$ de yourself.



Gomma alightheution. $f(x', x, \beta) = \begin{cases} 1 & x^{-1} = x/\beta \\ x = 1 \end{cases}$ $f(x', x, \beta) = \begin{cases} 1 & x^{-1} = x/\beta \\ 0 & \text{otherwise.} \end{cases}$ $x = 2 \quad \beta = 1$ $x = 1 \quad x = \frac{1}{2} \quad x = \frac{$

