Ques 2

Highly fit Schemata increase and flourish in population according to a geometric series.

Effect of selection

$$S(S,t+1) = S(S,t) \frac{fav}{F(t)}$$
 $fav = av. fitness = above$
 $av. individuals.$
 $F(t) = Total fitness.$

Effect of crossover

$$g(S,t+1)=g(S,t)\frac{fas}{F(t)}\left[1-\frac{P_{c}S(S)}{m-1}\right]$$

Effect 9 mutation

we use Crossover to increase

we use Crossoner to increase
Mariakility in Dupylation
- 120 - 50 - 1 - 600 - 10 col
Variability in population - we use mutation to escape local minimum.