Ques 8 :

Wireless Network.

Step 1 Design of chromosome

array of Floating point parameters.

| X_1 | X_2 | $\cdots$ | | X_m | |
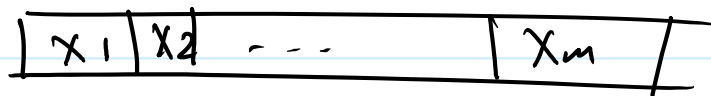
Step 2 Fitness function

use simulator as a fitness function.

Step 3 Selection

Roulette wheel.

Step 4 Crossover

Normal Crossover on FP chromosomes.

Step 5 Mutation

Non-uniform mutation on FP representation.

Step 6 Replacement

Elitist Strategy.