

Assignment
M Sc IT II Semester
PS02CINT33: Artificial Intelligence
Prof. Priti Srinivas Sajja

1. Explain hill climbing search.
2. Draw general structure of KBS. Explain all its components in one to lines each.
3. Explain knowledge representation structures.
4. Give an example of fuzzy membership function for tall people.
5. Draw and explain general structure fuzzy rule based system.
6. Design a multi layer perceptron for selection of a mobile.
7. Explain learning in a multi layer neural network.
8. Explain working of genetic algorithm in by giving flow chart of it.
9. Apply genetic algorithm for function optimization by taking an example of your choice.
10. Use edge recombination in GA for solving traveling salesperson problem.