

Unit I

1. What is Fuzzy Set ? Explain the different representations of fuzzy sets. **15**
2. Explain the basic operations on Fuzzy Sets. **15**

Unit II

3. Draw the neural networks for AND, OR, XOR, NOR operations. **15**
4. Write and explain the basic steps of simple Genetic algorithm. **15**

Unit III

5. Draw and explain the block diagram of Neuro-Fuzzy system. **15**
6. Explain the concept of Fuzzification. **15**

Unit IV

7. Write and explain the Simulated Annealing algorithm. **15**
8. Draw and explain the basic block diagram for printed character recognition system. **20**

M-H-3 **2** **30**

No. of Printed Pages : 02

Roll No.

H-3

B. Tech. EXAMINATION, May 2017

(Eighth Semester)

(Electives) (Main & Re-appear)

(CSE)

CSE-452-B

Soft Computing

Time : 3 Hours]

[Maximum Marks : 75

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit. Answer to the point.

(2-44/11) M-H-3

P.T.O.