

Exam. Code : 208604

Subject Code : 5309

M.Sc. Information Technology 4th Semester
MIT-403 ARTIFICIAL NEURAL NETWORKS

Time Allowed—3 Hours]

[Maximum Marks—100

Note :— Attempt any **five** questions. All questions carry equal marks.

1. Describe the Architecture of ANN briefly.
2. What are the knowledge representation issues ? Discuss.
3. What is unsupervised learning ?
4. Explain the LMS method briefly.
5. Discuss pocket learning algorithm with ratches.
6. How is Hopfield Model trained ? Discuss.
7. Write and explain the Backpropagation algorithm ?
8. Write short notes on any **two** of the following :
 - (a) Evolution of ANN
 - (b) Kessler's Construction
 - (c) Pattern Recognition.