M.Sc. Information Technology 2nd Semester
FUZZY SYSTEMS
Paper : MIT-204

Time Allowed—2 Hours] [Maximum Marks—100

Note :— There are **Eight** questions of equal marks. Candidates are required to attempt any **Four** questions.

1. What is a fuzzy system ? Explain Uncertainty and Accuracy of the systems.

2. What is a fuzzy set ? Explain Union and Intersection operations of the fuzzy sets.

3. What is crisp relation ? Explain the properties of crisp relations.

4. What is defuzzyfication ? Explain.

5. Explain the concept of classical logic.

6. How can we use inference for determining membership function ?

7. What are the features available in MATLAB for fuzzy systems ?

8. What is fuzzy ordering ? Explain.