

Tutorial Unit 2
M Sc IT II Semester
PS02CINT33: Artificial Intelligence
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Short Questions/Objective Questions

1. What is fuzzy set?
2. What is crisp set?
3. Define fuzzy logic.
4. Define crisp logic.
5. Define fuzzification.
6. Define de-fuzzification.
7. List types of fuzzy membership functions.
8. List operations on fuzzy sets.
9. List fuzzy connectives.
10. Name two models of fuzzy rule based system.

Big Questions

11. Give an example of fuzzy membership function for tall people.
12. Give an example of fuzzy membership functions for very regular (VR), regular (R), irregular (I), and very irregular (VI) students based on their attendance.
13. Draw and explain fuzzy operations.
14. Explain fuzzy relations and operations on fuzzy relations.
15. Draw and explain general structure fuzzy rule based system.