ASSIGNMENT QUESTIONS (FOURTH SEMESTER)

M. SC COMPUTER SCIENCE (2023 ADMISSION)

CENTRE FOR DISTANCE AND ONLINE EDUCATION
SCHOOL OF DISTANCE EDUCATION
UNIVERSITY OF KERALA

DCS 41 Research & Technical Writing

1. Explain the characteristics of hypothesis.

2. Explain the process and phases of scientific research.

3. Explain the following

    a. Formatting using Latex.

    b. Creating Lists and Tables.

4. Explain the following

    a. Binary handling.

    b. Dictionaries

    c. Environment variables

5. Explain about the mapping functions of python.

DCS 42 Neural Networks & Fuzzy Systems

1. Describe the training process of perception network.

2. Explain the working of back propagation networks, with an example.

3. Compare Fuzzy systems and genetic algorithms in problem solving.

4. What do you mean by defuzzification? Explain any three defuzzification methods.

5. Enumerate the types of membership functions. Explain the purpose of each.