# LAKSHMI NARAIN COLLEGE OF TECHNOLOGY INDORE

## **Assignment Questions**

Subject: Sc Subject Code: CS-8001/IT-8002

#### Unit- 1

- Q1) Explain soft computing and various type of soft computing techniques?
- Q2) Difference between soft computing and hard computing?
- Q3) Explain characteristics of production system?
- Q4) Write short note on BFS and DFS?
- Q5) Explain A\* algorithm and AO\* algorithm?

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## **Assignment Questions**

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#### Unit- 2

- Q1) Differentiate the functioning of biological neuron and artificial neuron. ?
- Q2) What is activation function?
- Q3) Explain neural network with characteristics?
- Q4) Difference between monotonic and non-monotonic reasoning?
- Q5) Explain Adaline and Madaline network .?