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**ECHELON INSTITUTE OF TECHNOLOGY**

**Department of Computer Application**

**Title of Assignment: Artificial Intelligence**

**Course:** BCA(DS) 4th Sem **Session: Jan-May:**2023

**Date of Issue:** 10/04/23 **Date of Submission: 12/04/23**  **Max. Marks:** 30 **Assignment Number:** 2nd

**Learning Outcomes:**

**LO1:** To clear the concept of Learning

**LO2:** To clear concept of type of learning process in AI

**LO3:** To clear the concept phases of Learning

**ASSIGNMENT SHEET NO. 1**

**Question-1** 4\*3 = 12 Marks

1. What is the goal of research in NLP? (CO 3)
2. What is Learning ? (CO 4)
3. Why Expert System is used? (CO 5)

**Question-2**

What is NLP? Discuss various NLP Techniques. (CO 3) 6 Marks

**Question-3**

Explain how does system learn by using learning by example approach. (CO 4) 6

**Question-4**

What is situational calculus? Explain the partial order planning algorithm. (CO 5) 6 Marks