**Assignment (30 marks) – (Should be typed)**

1. Define Artificial intelligence. (2 marks)
2. Explain 3 methodologies of Knowledge Representation in artificial intelligence. (6 marks)
3. Explain the meaning of below terms:
   1. Natural Language Processing (2 marks)
   2. Deductive Reasoning (2 marks)
   3. Machine Learning (2 marks)
4. Describe the Turing Test. (4 marks)
5. Using diagram Describe the Expert Systems. (6 marks)
6. Applications of Expert Systems in modern world. (6 marks)