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|  SURESH GYAN VIHAR UNIVERSITY <small>Accredited by NAAC with 'A' Grade</small> | | INTERNAL ASSIGNMENT - 1 |
| Course | BCA Plus | Introduction to Artificial Intelligence |
| Semester | 5 | |
| Total Marks: | 15 | |

Q.1. Write answers for any two questions from below. (5 Marks each – Word limit – 500)

- a) How can we apply artificial intelligence?
- b) Explain different types of knowledge.
- c) Explain the working of Min-Max Algorithm with a suitable example.

Q.2. Write short notes on all the following topics (1 Mark each - Word limit - 100)

- a) Does artificial intelligence exist?
- b) Write the Perceptron algorithm.
- c) Define deep learning.
- d) Define Knowledge.
- e) Define Knowledge representation.

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|  SURESH GYAN VIHAR UNIVERSITY <small>Accredited by NAAC with 'A' Grade</small> | | INTERNAL ASSIGNMENT - 2 |
| Course | BCA Plus | Introduction to Artificial Intelligence |
| Semester | 5 | |
| Total Marks: | 15 | |

Q.1. Write answers for any two questions from below. (5 marks each – Word limit – 500)

- a) Explain the different domains of Artificial Intelligence.
- b) Explain Cycle of Knowledge Representation.
- c) Write a Short note on Mini-Max Algorithm.

Q.2 Write short notes on all the following topics. (1 Mark each - Word limit - 100)

- a) Which are components for AI knowledge cycle.
- b) Define procedural knowledge.
- c) State the main condition required for alpha-beta pruning.
- d) State the properties of Mini-Max algorithm.
- e) Give the limitation of the minimax Algorithm.