

MARWARI COLLEGE, RANCHI

Master in Computer Application

Mid-Semester Examination – 2017

SEMESTER - V

Paper: XXIX

Full Marks: 30

Subject: Artificial Intelligence & Expert Systems

Time: 1 hr.

Group – A

1. Answer all questions of the following: 2x5=10
- a. Search method takes less memory.
 - b.algorithm is based on Best First Search technique.
 - c. The advantages of both DFS and BFS are combined in Search.
 - d. is a way of making computers think intelligently.
 - e.are the computer applications developed to solve complex problems at the level of extra ordinary human intelligence and expertise?

Group – B

Answer any **TWO** of the following: 5x2=10

- 2. What is Artificial Intelligence? What are the various applications of AI?
- 3. Define the following:
 - a. Production System
 - b. Heuristics
- 4. What is natural Language Processing? Explain in detail.

Group – C

Answer any **ONE** question: 10x1=10

- 5. Explain Breadth First Search and Depth First Search. Also state the advantages and disadvantages of Depth First Search.
- 6. What do you understand by Hill Climbing? What are its different types? Explain.

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For more questions visit: <https://www.guptatreepoint.com/marwari-college-previous-year-question-paper/>