

Hall Ticket No:

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Question Paper Code: 16MBA439-M1

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE

(UGC-AUTONOMOUS)

MCA II Year II Semester (R16) Supplementary End Semester Examinations – Jan 2019

(Regulations: R16)

AI: KNOWLEDGE REPRESENTATION AND REASONING (MOOC)

Time: 3Hrs

Max Marks: 50

Attempt all the questions. All parts of the question must be answered in one place only.

In Q.no 1 to 5 answer either Part A or Part B only

Q.1(A) What is meant by AI? Write notes on Turing test. 10M

OR

Q.1(B) Explain forward chaining in detail. 10M

Q.2(A) Discuss in detail about Rete Algorithm. 10M

OR

Q.2(B) Write notes on Event Calculus. 10M

Q.3(A) What is backward chaining? Explain in detail. 10M

OR

Q.3(B) Elucidate Resolution method for FOL. 10M

Q.4(A) Explain about inheritance hierarchies. 10M

OR

Q.4(B) Discuss in detail about A-box Reasoning. 10M

Q.5(A) Write notes on circumscription in default reasoning. 10M

OR

Q.5(B) Explain about Epistemic Logic. 10M

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