

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 - September 2021

(Regulations: R16)

AI: KNOWLEDGE REPRESENTATION & 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 B only

- Q.1(A) What is meant by AI? Write notes on Turing test? 10M
- OR**
- Q.1(B) Discuss in detail about unification. 10M
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- Q.2(A) Write notes on Skolemization. 10M
- OR**
- Q.2(B) Write in detail about Event Calculus. 10M
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- Q.3(A) Elucidate Complexity of resolution refutation 10M
- OR**
- Q.3(B) Elucidate Resolution method for FOL. 10M
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- Q.4(A) Explain about inheritance hierarchies. 10M
- OR**
- Q.4(B) Explain about normalization in Description Logic. 10M
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- Q.5(A) Write notes on circumscription in default reasoning. 10M
- OR**
- Q.5(B) Write in detail about minimal models. 10M

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