

Reg. No:

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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)**MCA III Year I Semester Regular & Supplementary Examinations Nov/Dec 2019**
ARTIFICIAL INTELLIGENCE

Time: 3 hours

Max. Marks: 60

(Answer all Five Units 5 x 12 = 60 Marks)

UNIT-I

- 1 Explain
- a Greedy Search 6 M
- b A* Search. 6 M

OR

- 2 Describe in detail about CSP. 12 M

UNIT-II

- 3 Explain in detail about Logical agents with example. 12 M

OR

- 4 Give a brief account of
- a Forward chaining 4 M
- b Backward chaining 4 M
- c Unification 4 M

UNIT-III

- 5 Define and explain
- a Supervised learning 4 M
- b Unsupervised learning 4 M
- c Reinforcement learning 4 M

OR

- 6 Explain Bayesian Learning. 12 M

UNIT-IV

- 7 Write short notes on Non-Procedural Paradigms. 12 M

OR

- 8 Explain in detail about Expert System. 12 M

UNIT-V

- 9 Explain the stages in the development of an expert system. 12 M

OR

- 10 Explain Backward chaining in design of expert system. 12 M

*** END ***