



OMEGA PG COLLEGE – **MCA(CC:2174)**

APPROVED BY AICTE, AFFILIATED TO OSMANIA UNIVERSITY, HYDERABAD

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Paper Code – PCC 303

Course: Artificial Intelligences

AI Questions

1. What is the History of AI?
2. Write about the Fundamental and Sub Area of AI.
3. What is State Space?
4. Define Heuristic Search Techniques.
5. Write about the Iterative-Deeping Search in AI.
6. Explain about the A* AND AO* Algorithms.
7. Explain about the Alpha-Beta Pruning.
8. Define Propositional Calculus and Propositional Logic.
9. Explain about the Knowledge Representation and its approaches.
10. Define Semantic Network in Knowledge Representation.
11. What is Knowledge Representation in Frames?
12. What are Expert System and its advantages & disadvantages?
13. Define Components in the Expert System?
14. Write about the Architecture in Expert System.
15. List out the Shell and Tools in Expert System.
16. What is Probability Theory in AI?
17. Write about the Bayesian Belief Network?
18. Write about the Dempster-Shafer Theory?
19. Explain about the Machine Learning and its Types.
20. What Clustering?
21. What is Support Vector Machine in AI?

22. Explain about Supervised and Unsupervised Learning.
23. Write about the Inductive and Deductive Learning.
24. Explain Artificial Neural Network (layers).
25. Write about the Artificial Neural Network Types.
26. Write Some of Advance Knowledge Representation Techniques?
27. Explain about the Natural Language Processing.
28. Write about the Parsers and its Types.
29. What is Semantic Analysis?
30. What is Universal Networking Knowledge?