ARTIFICIAL INTELLIGNCE (CS3104PC)

Artificial Intelligence - Unit wise Question Bank

UNIT - I

S.No	Questions	BT	CO	PO
1	What is an AI? Write applications and goals of an AI?	L1	CO1	PO1
2	Explain in details about agents its environment?	L4	CO1	PO1
3	Write about DFS and BFS in uniformed search techniques?	L1	CO1	PO2
4	Explain in details about heuristic search techniques?	L1	CO1	PO2
5	Discuss about constrained satisfaction?	L1	CO1	PO1

UNIT - II

S.No	Questions	BT	CO	PO
1	How to construct a search trees explain in details	L1	CO1	PO1
2	Discuss in details about A* search implementation?	L4	CO1	PO1
3	Write about alpha beta pruning?	L1	CO1	PO2
4	Explain in details about proportional logic?	L1	CO1	PO2
5	Discuss about Forward chaining and backward chaining.?	L1	CO1	PO1

UNIT - III

S.No	Questions	BT	CO	PO
1	Write about types of knowledge?	L1	CO1	PO1
2	Discuss in details about knowledge representation Issues?	L4	CO1	PO1
3	Write the differences between deductive and inductive reasoning?	L1	CO1	PO2
4	Discuss Bayes' Rule Representing Knowledge in an Uncertain Domain	L1	CO1	PO2
5	Discuss about Basiyan Networks?	L1	CO1	PO1

UNIT - IV

S.No	Questions	BT	CO	PO
1	What is Learning explain forms of learning?	L1	CO1	PO1
2	Write Winston's learning program?	L4	CO1	PO1
3	Discuss learning by taking advise with examples?	L1	CO1	PO2

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4	What is decision Tree? Explain with example problem?	L1	CO1	PO2
5	Discuss about Winston's learning program?	L1	CO1	PO1

UNIT - V

S.No	Questions	BT	CO	PO
1	What is expert system explain role of expert system in AI?	L1	CO1	PO1
2	Draw the block diagram of Expert system and explain?	L4	CO1	PO1
3	Write short note on shell and explanation in Expert system?	L1	CO1	PO2
4	Explain in details about shell?	L1	CO1	PO2
5	Discuss about knowledge Acquisition in Expert system?	L1	CO1	PO1