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ing expert	EXPERT SYSTEMS
7	Paper: PC-CS-AIML-306A
Time: Th	ree Hours] souplindoor and [Maximum Marks: 75
Note: Att	empt five questions in all, selecting at least one question
thomag from	m each unit. auditav misigre bus stirly (i) .d
F	of expert systims  I-TINU  (ii) How the took are selected for buildi
1. (i)	What is blind search? Why it is called blind search?
-8 -	List various blind search strategies. 7
(ii)	Differentiate A algorithm and AO* algorithm. 8
2.41 gr(i) ub	What is predicate logic? What are different ways of representing predicate logics?
1000(ii)	Define frame. How Knowledge Representation is
lo inenigo	presented using Frame? This od group 7
3	on expert, system?
	UNIT-II
3. (i)	Differentiate expert system and conventional programs with example.
(ii)	How diagnosis and debugging activity is carried
	out in expert system. 8
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(i) Write short notes on acquisition module frame. 7 (ii) Differentiate forward and backward chaining. E342 UNIT-III Discuss different steps involved in building expert 5. system. (ii) Discuss various techniques knowledge representation in expert system. Note: Afternot five questions in all selecting at ideal one question Write and explain various stages in development 6. (i) of expert system. How the tools are selected for building expert (ii) system? List various tools used for building expert system. Tens nouses build and indirection of algorithm and AO\* algorithm UNIT-IV 7. (i) What are the common pitfalls that occur during the planning of an expert system? (ii) What are the different problems that can occur during the different phases of the development of an expert system? H-TIMIL Write short notes on: (i) Differentiate; export MYCIN. (i) physicanis with example DENDRAL. out in expen system.

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