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(b)	What	is	Re	sol	ution	pı	inci	ple?	D	ifferen	tiate
	betwee	en	set	of	suppo	rt	and	line	ar	input	form
	resolution strategies.										7

- (a) What is the difference between Declarative frames and Procedural frames? Explain using suitable examples.
 - (b) What is a Clause? Explain the procedure of converting a predicate statement into clauses. Use suitable examples.

UNIT-II

- 4. (a) What do you understand by data-driven and goaldriven Search? When is it advisable to use datadriven search over goal-driven search and viceversa? Discuss.
 - (b) Write the A* algorithm. How is it different from best first search?
- Differentiate between the following :
 - (a) Admissibility and monotonicity 7
 - (b) Alpha pruning and beta pruning. 7

UNIT-III

- What is Production system? What is the difference between commutative and non-commutative production systems? Discuss.
- Write a detailed note on Dempster Shafer theory for managing uncertainty in Expert systems.

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UNIT-IV

8.	(a)	What is the difference between Rouselection and Rank selection in GA						
	(b)	Explain the one-point and uniform	crossover.					
9.	Wri	Write short notes on the following:						
	(a)	Prolog's unification mechanism	7					
	(k)	Learning sutemats	7					

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