Roll No	Roll No			<b>Total Pages: 03</b>		
		BT-7/M- ERT SYS CSE-425	STEMS	3'	7154	
	ree Hours]			num Mar		
qı	compare hill techniques. What is Mi	each Unit,  Unit I  climbing alg	All question and gorithm and gegy for g	best first	equal search	
struct	is main differences for known tages and lim	ledge repre		•		
<b>3.</b> (a)	Briefly give system.	historical	evolution	of an	expert 7	
(2)L-37154	(2)L-37154					

Elaborate rule-based architecture of an expert (b) 8 system. Explain, how uncertainty is propagated through a (a) chain of rules during consultations with an expert system ? 7 (b) Identify and describe two good application areas for an expert system with a medical college and 8 hospital environment. Unit III Discuss the following expert system development phases: Problem Identification Development of prototype (b) Planning a full stage system. (c) Elaborate the major problems faced in knowledge (a) acquisition. 8 How expert system tools help in expert system (b) development? **Unit IV** Discuss the role of the following personals in an expert system development: (a) User Knowledge Engineer (b) System Development personal. (c) 5,5,5

4.

5.

6.

2

- **8.** Write notes on the following:
  - (a) Tunning an expert system
  - (b) Verifying an expert system
  - (c) Validating an expert system



5,5,5

(2)L-37154