Registration no:													http://v	www.bputonli
														MCA MCC501
5 th Semester Back Examination 2017-18 Artificial Intelligence And Expert System BRANCH: MCA Time: 3 Hours Max Marks: 70 Q.CODE: B705 Answer Question No.1 which is compulsory and any five from the rest. The figures in the right hand margin indicate marks.														
Q1	-1	Answer the following questions:									(2 x 10)			
	a)													
	b)	What do you mean by PEAS?												
	d)	What do you mean by Crypto-arithmetic problem?What do you mean blind search?												
	e)	•												
	f)	What are the characteristics of heuristic search?												
	•	g) Define the term Bayesian-network.h) What do you mean by ambiguity in context free grammar?												
	i)													
	j)	Define the te		• •		•			•					
Q2	a) b)	Differentiate What are diff				-	_	ain						(5) (5)
Q3	a) b)	Describe min-max search with example. What are the difficulties in Hill Climbing and how it mange by best first search?										best first	(5) (5)	
Q4		What do you mean by Expert system? Describe its component and application.											nent and	(10)
Q5	a) b)	What are the different types machine learning? Explain. Describe different type of learning with example.									(5) (5)			
Q6		Draw the pa (i) "Hari (ii) "56+7	gave	the flo			_	:						(10)
Q7		Given the fol A1.If x is on A2.If x is abo A3.A cup is a A4.A cup is t (i)Translate s (ii)Show that	llowin top of ove y above couchi staten	g info fy, y s and the a bo ing a l	suppo ney ar ok. book. A1 to	orts x. re tou	iching	each ausal	othe					(10)
Q8	a) b)	Write notes 8-puzzle pro Block world	blem.											(5 x 2)

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