AI

AI

15/5/201

QP Code: 8440

[Total Marks: 100

## (3 Hours)

Question 1 is compulsory.
Answer any 4 out of remaining 6 questions.

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Q1)		
a)	What is prepositional logica Familia - island	.54
b)	The second of th	(07)
c)	What is reasoning? What is its relative and its artificial in the	(07)
c,	What is reasoning? What is its role in artificial intelligence	( <del>111)</del> (
Q2)		
a)	Explain PEAS representation with example.	(08)
b)		(12)
		(10)
Q3)		digit
a)	and o are available.	(12)
b)	Explain Hill Climbing.	(08)
0.10		
Q4)		
a)	or remaining the following the following	(10)
	i) Ram only likes interesting courses.	
	ii) Computer courses are easy.	
	iii) Electronics courses are interesting.	
	iv) DSP is an electronics course.	
b)	v) Programming is a computer course.	
U)	Compare Forward and Backward reasoning with suitable example.	(10)
Q5)	a2zSubjects.com	
a)	What is an expert system? Explain with example.	(10)
b)	Explain AO* Algorithm. Where is it used?	(10)
		(10)
Q6)		~~
a)	What is Ontology? Explain a real world example and its use.	(80)
b)	Design a multilayer feed forward network of neurons to perform XNOR of	100)
numbe	ers. (12)	11 2 2-011
- 02		
Q7)	Write short notes on any 4 out of the following:	(20)
a)	Iterative deepening search	(20)
b)	Heuristic functions for search techniques.	

Blocks World Problem.

Bayes Theorm.

Pole of NLP in AI.

c)

d)