Enrollment No.			

KADI SARVA VISHWAVIDYALAYA LDRP INSTITUTE OF TECHNOLOGY & RESEARCH, GANDHINAGAR

B.E. Semester-VI MID-SEM EXAMINATION

	MID-SEM EX					
Date	: Saturday, 28/02/2015	Branch	:		CE-IT	
Subject Code: CE-IT 602			:	Artificial Intellig		ence
Time	Time : 10 AM to 11.30 AM Max. Marks : 30					
	tions: 1) All questions are compulsory. 2) Figures to the right indicate full 3) Use of scientific calculator is per 4) Indicate clearly, the options you 5) Use the last page of main supple	mitted. attempt along v)ue.No
Q.1(A)	Define AI. What are the task domains o	f AI?				10
Q.1(B)	What do you mean by state space repryou can represent following water jug are two jugs (without any measuring mespectively. There is a tap of water to filter jug with exactly 2 liter of water.	problem as a state arks on them) of 4	e sj	pa nd	ce search: There 3 liters capacity,	
Q.2(A)	Explain Uninformed Search Technique.					05
Q.2(B)	Solve the following. SEND +MORE MONEY					05
	O	OR .				
Q.2(B)	What is local maximum, Plateau and Rid Explain the block world problem by usi				The state of the s	05
Q.3(A)	Explain Cut and fail predicate with exam	mple.				05
Q.3(B)	Explain AO * algorithm in detail	PR				05
Q.3(A)	(1) What is Hill Climbing? Explain Sim(2) Write a program to demonstrate inp	-				05
Q.3(B)	Explain A* algorithm in detail.					05

--Best of Luck----