Sardar Vallabhbhai National Institute of Technology, Surat Computer Science and Engineering Department

M.Sc-III (Mathematics) - VI Semester Artificial Intelligence (CS308)

Practical Exam – April 2024

Date: 03/04/2024 Time: 4:00 PM to 6:00 PM Marks:15

ic. 05/	04/2024 Time. 4.00 Tivi to 0.00 Tivi	Mai KS. 1.
No	Problem Statement	Marks
1.	Load the following facts into familytree.pl, consult the prolog file	[08]
	and answer the given questions:	
	% Program: family.pl	
	parent(albert, jim).	
	parent(albert, peter).	
	parent(jim, brian).	
	parent(john, darren). parent(peter, lee).	
	parent(peter, see).	
	parent(peter, james).	
	parent(peter, kate).	
	parent(peter, kyle).	
	parent(brian, jenny).	
	parent(irene, jim).	
	parent(irene, peter).	
	parent(pat, brian).	
	parent(pat, darren).	
	parent(amanda, jenny).	
	% female(Person)	
	%	
	female(irene).	
	female(pat).	
	female(lee).	
	female(sandra).	
	female(jenny).	
	female(amanda). female(kate).	
	Temare(kate).	
	% male(Person)	
	%	
	male(albert).	
	male(jim).	
	male(peter).	
	male(brian).	
	male(john).	
	male(darren).	
	male(james).	
<u> </u>	male(kyle).	

