	Name of the Subject: KNOWLEDGE SYSTEM Subject Code: IT-714 Seat No: IT076 Student ID: 18 ITURNII6 Branch/Sem: IT-VII	
02	(5). 8=2 A 10	Max
	B= 10 B 10 B= 10 B 10	MIN
	β=00 10 10 J K=266 7 10 2	MAX
Bolo	B'O 9 Gβ: 9 Kβ:19 N X 20 2 23 H I X O P X 21 22	MIN
B=10E	F9 12 M	
_	- As the initial Stage $\alpha = -0.8$ B=00 & Condition is $\beta < = \alpha$	
	So the Root brode A=10 & the.	ils
	→ The paths. A→B→c→D→E	
Section – II	Date: 11 /09/2021 Signature of Student: Page No: 04	

10	Name of the Subject: Subject Code:
	Seat No: 17076 Student ID: 817 VRN 116 Branch/Sem: 17-VII
	Student ID. 1021 VS/V1(6 Branch/Sem. 27 VI)
102	(C)
	at Predicale.
	- It removes all the alternatives & they farted the values otherwee . It could be binding.
-	- The Symbol for Cut predices & "!".
~	-lg.,
	a(x) := b(x), !, c(x).
	a(x) :- d(x).
	b(1). b(4).
	C(1).
	((3) d(4).
	Fail Budicale.
	rac pragae.
	The whole Statement is going to be Pake. It will
	The whole Statement is going to be fake. It will force the backtracking in an attempt to Unify anoth clas.
	Unify anoth clas.
	ls, a(a), - b(x), c(x), face.
	a(x):-d(x).
	b(1). b(4).
	C(1).
	((3).
	d(y).
Section – II	Date: 11 109/2021 Signature of Student: 10 Page No. 42
Jeenon – II	Date: 11 /09/2021 Signature of Student: Page No: 02

	Name of the Subject: KS Subject Code: IT-714 Seat No: TT076 Student ID: 18 ITUBN116 Branch/Sem: IT-VII
	- Not Budicale. The higative predicale in prolog is it & therefor it. Tetur Tride. - It is the rigation Bredicale. Symbol is 4<>. in Prolog.
_	-19., -a(B) & DO! -a(x):- (2c <> 3), paint write (x)
Section - II	Date: 11/09/2021 Signature of Student: Page No: 03

	Name of the Subject: Subject Code:
	Seat No: 17076 Student ID: 18 ITUBNIL Branch/Sem: IT-VII
03	9).
	D'for every mall, there is some Santa who is at mall.
	Fx, Hy Fox, Fy
	$\forall 2, \exists y :- mall(x), y) \rightarrow Sanfa(y).$
	2) Every Child who visits anywhore talks with every Santa who is at the pland visited.
	Voc, 3y (Culdix) → Visit(y) 1 Santa(2) → planty)
	(3) Every child who is a child visit some mall
	"Yx, Jy: - that (2,5) -> "Child(2) -> mall (2,5).
	Dome Santa get Some toy.
	Vx, Fy := Fz: - (Good (x) V talls (y)) > gets(e)
Section – II	Date: 11/09/2021 Signature of Student: Page No: 04,