END SEM EXAMINATION[CSE 4th YEAR]

	Ľ	DATA-MININ	G & DATA WAI	REHOUSII	NG ICSE-S-	5211
[DURAT	ION-3 HOURS	1	NOTE ALL OUESTIC	ONS ARE COME	PULSORY	[MAX MARKS-50]
			[SECT10	N A]		
Q1(I).Explain Hunt's algorithm to build a decision tree .						[2]
(ii) Explain Apriori algo drawbacks and its improvements						[3]
Q2. (i)	Explain Ba	ysian classifica	ition.			
(ii) By (outloo	using Bays	ian classificatio	on Predict playin	ng tennis in gh wind=str	the day with ong) using t	the condition (P(v)
data:						[3+5]
Day 1 2 3 4 5 6 7 8 9 10 11 12 13 14	Outlook Sunny Sunny Overcast Rain Rain Overcast Sunny Sunny Rain Sunny Overcast Overcast Rain	Mild • Cool Cool Mild • Cool Mild • Mild • Mild •	Humidity High High High High Normal Normal High Normal Normal Normal Normal Hormal	Wind Weak Strong Weak Weak Strong Weak Weak Strong Strong Weak Strong	Play Tennis No No Yes Yes Yes No Yes No Yes Yes Yes Yes Yes Yes Yes Yos No	
Q3(i). Explain Genetic Algorithm and all its steps.						[3]
						present X as binary s two times . [5]
Q4.(i)E:	xplain ECL	AT Algorithm b	y an example.			[3]

(ii)In FP-Growth Algorithm how can we represent the structure of node to generate prefix

[3]

path.