	ga tha fill a said and a said a s				
	ID	Fever	Cough	Breathing is	sue Infected.
	*		-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0
	1.	No	No	No	No.
	2.	yes.	Jes	yes	1 yes
	3	Jes.	yes	No	No
1	47	Jes.	No ·	Yes	Jes
	5	yes.	yes	Jes	Jes
-	6	'No	Yes	- No	No-
	7	yes.	No.	yes	yy
	(28/0)	yes.	No-	Yes	Jes
F 12.0	9	No	Yes	Yes	Jes
, , , , , , , , , , , , , , , , , , ,	110, 1	yes.	yes yes	No	S es
	1	·No	Jes	No	₩ No.:
	12/81-	No.	yes -	Pro Yes	Yes
	13	No	yes !	પ્રથ	No
	14	Jes -	Yes	No	No.
		1 12 .			
[2	5 + 4+ 5	15) - I		P-0 -	
1	Now. we	, 11 find	entropy	for each o	ttribute.
	, .,	intropu (s)	· · · · · · · ·	ilog_(Pi)	; = 1 to n
				10.0	
	Entrance ((0,001) =	(8 %	0. (14) +	(6) log 2 (14)
	moopy (Jeves j	(14)	72 (8)	(14)
78	11 4/4	- 1 E 1 / 3	0.461	3 + 0.5228	= 0.9841
(3)	Entropy ((analos) (=)	(10) logo	(14) +	4 1 log 2 (14)
5/	9	ought)	(14)	(14) +	14) 32(4)
	208.0	7	0.346	4 += 0.5142	= 0.8606
5 . 6.	U 27 05 6	ELLA TV			The second second
+ 0	Graph (1	3xon Hoima 1 =	(8-) le	42 (14) 4 (4	log 2 (14)
F	Childs (- Jew violed	(14)	343 (14) + (1)	4/ (6)
-	TARC - MAN	90-	0,9841		2
	Entropy (sh				
	, 0 (0	7	0.4841		

Now Information Gain I.G (S,A) = Entropy(S) - E(15v)/S * Entropy(ISV) Noue, 0.1128

