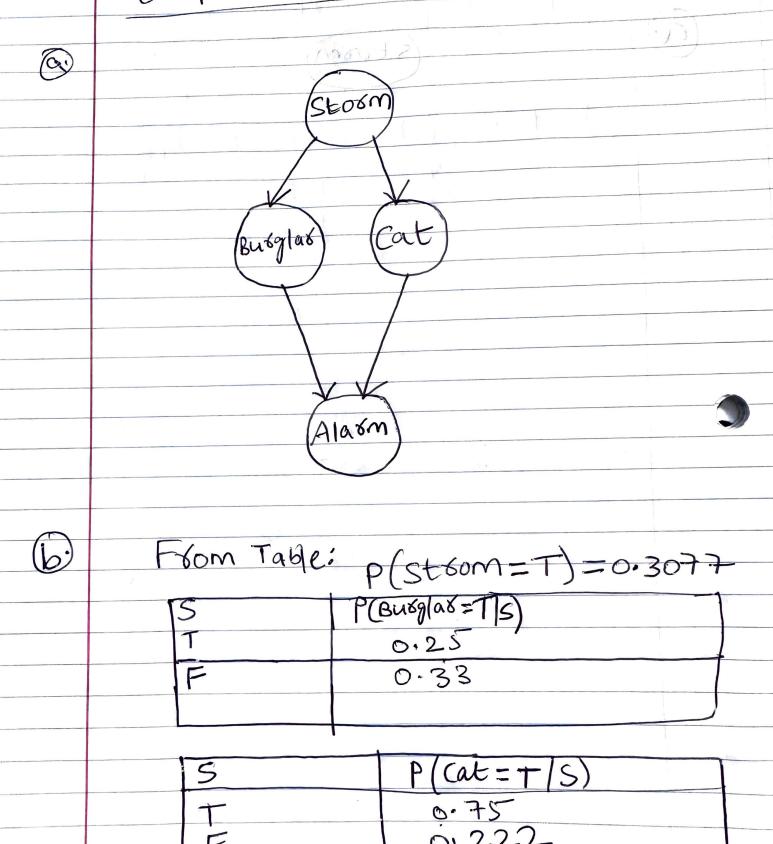
## Chapter6, Exercise 4



	Burglar Cat P(Burglar=T)S	
	F F 0.25	
	Levi Filosof Glyy	
)	when Busglas = true and Cat = True, the conditional Probability table reveals that ALARM = true is the MAP Prediction.	
)	$P\left(\frac{a}{s}\right) = \frac{P\left(\frac{a}{s}\right)}{P(s)} = \frac{P(a,B,C,S)}{P(s)}$	
	=	(5)
	= (1.08) (0.25) (80) (0.75) (0.3077)	
	+ (0.667)(0.25)(0.25)(0.377)	
	+ [(0,25)(0,75)(0,3077]	
	+[(0.2)(0.75)(0.25)(0.3077)]	

-3

