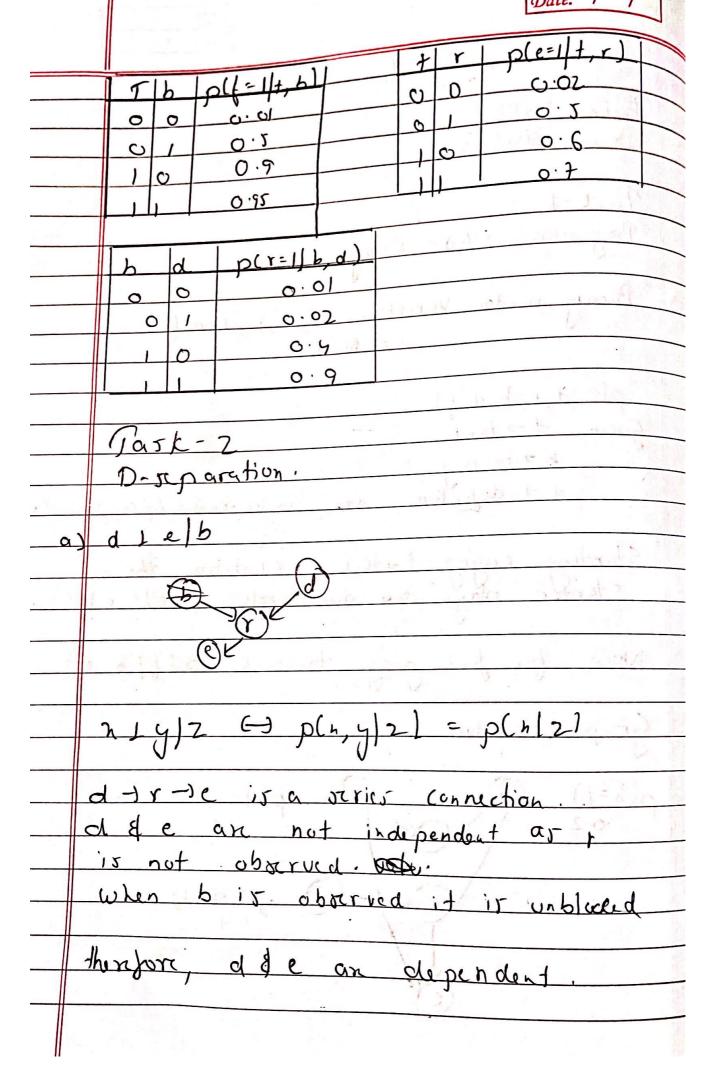
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	M1:-11		
	Faiza Malik		
	Mtr. no- 3/08 64		
	FIRTHO- STOUT		
	Pask-L		
	Bayesian N/w Design		
	The state of the s		
=	Binary random Variables = e,t,r,b,d,f		
	Binary random variables = e,t,r,b,d,f		
7.00	p(c, t, r, b, d, f)		
	Given t > tank		
	Given, t → tank  b → battery  d → defective aor in dependent (p(1), p(b), p(d))		
	Stanting enging total droroting the		
	Stanting enging totale d'ortrotating the Starter plays an dixet role: plett, r)		
	Now, for fuel guage to work, p(f/b, +)		
	Graph structure:		
	(1) (F) (1) -21		
	$p(b=1) \qquad (7) \qquad p(t=3)$		
	J(F)E		
	(C) (A) 0(c)	(2)	
	0.1		
	2 b b water		
	C		



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ρ(b) ρ(d) p(+=0) ερ(e|+=0,r) ξερ(r|b,d) ξρ(k=0|+=0,b)

{ 5 p( f=0 + b)

=) (0.2)(0.1)(0.1)(0.0)+0.2)(0.0)+0.02+0.7+0.9)x(0.99+0.5)

(0.2)(0.1)(0.3)(0.02+0.2+0.6+0.7) x (0.01+0.02+0.4+0.9) × (0.99+0.7+0.1+0.05

- 0.604

therfor probability (+=0, f=0)= 0.604