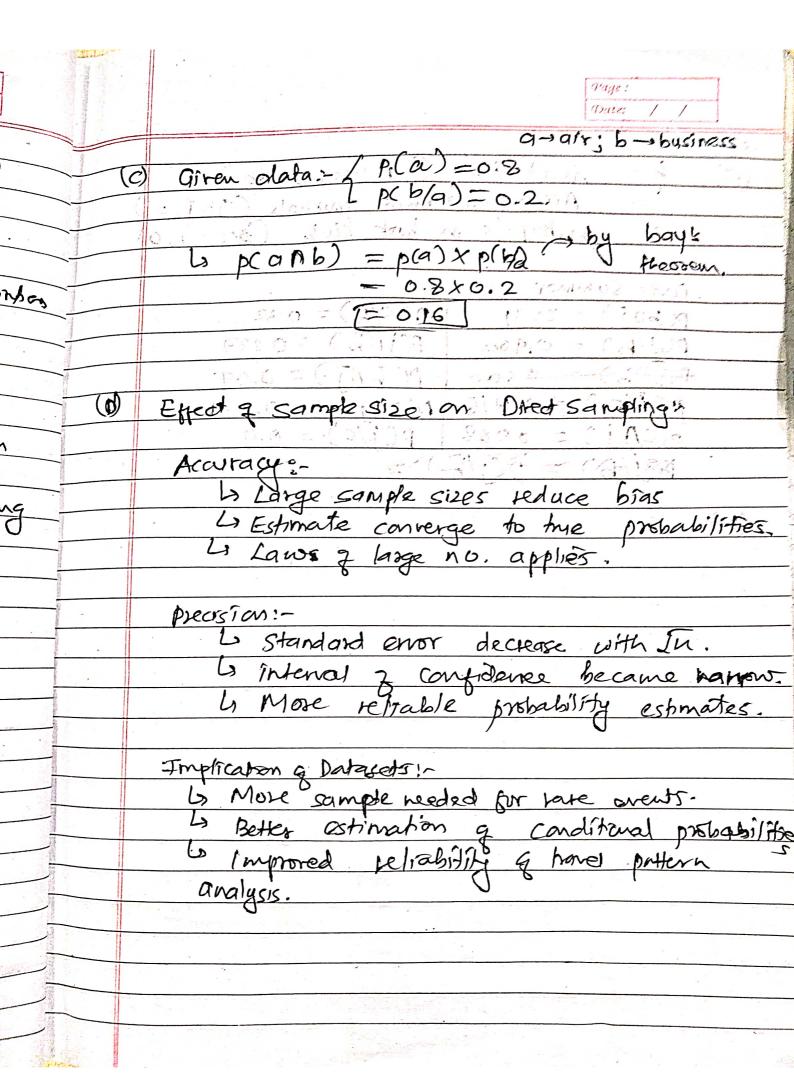
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	Question:1	- 4 4 6 F
	attitue of mount unlawers - to mines	
	(a) Comparing Sampling strategie	5:200 000
	-> Direct Sampling:-	
	La Drown Sample from pr	obability
1 7 . 7 . 7	distribution. cario dend zoltano	9
	& Strength:-	
	- Simple and efficiently	maskic th
	Assown distributions.	
	- Easy for calculation in sma	all and low
, - Š.	Dimersion data	
		ng i
Section	*weakness:	* 1
Ü	- Does not works well f	or complex
9	Calculation (distribution) and and high	ther dimensions
	data.	
у.	100 P - 100 P - 1	
i	mint of a couples in	
	Rejection Sampling:	01 - 10
	Rejection Sampling:-  L) Sample accepts based oxietia.	on a probability
	orlera,	
	*strength's ill ( mill)	~ let
	- Use for unnormalized	distributed along
<u>.</u>	- Approximate Complex alistr	shuhan if govel
	- Use for unnormatived  - Approximate Complex distr  proposal Crample Chrosen:	
	- un efficient when mul one rejected.  - Carefully choose sample	
	- uncerticient when mul	tiple samples
	are Deserted.	
=1	- Caregally chance sample	Corposel
	- Carefully choose sample	bibuban

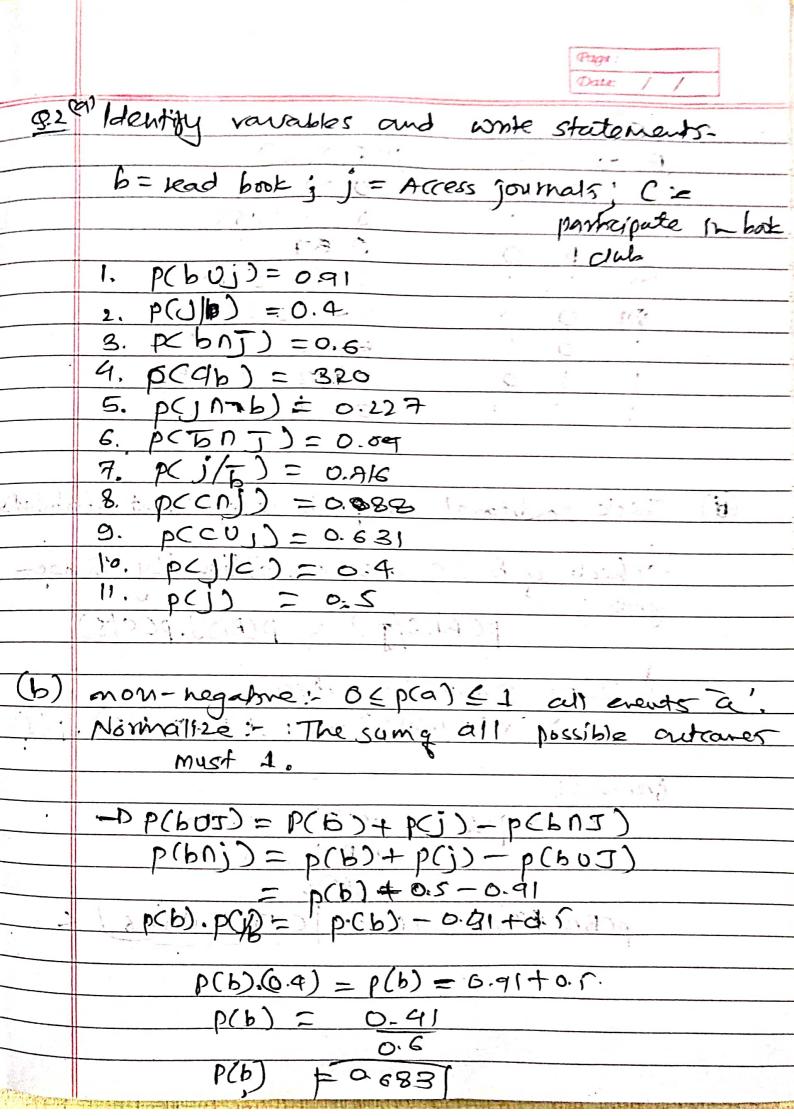
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	-> Gibbs Sampling:
	1> I-terate Samples from Canditional
	-> Gibbs Sampling:- Les I-terate Samples from Canditional dishibution quariables:
	of Spength:
	6 hardles high Dimensional distribute
	*Steerigh:-  b hardles high Dimensional distribution b Very helpfull on if Candilianal distribution easy to compute:
	distribution easy to compute.
	proof and courts of make
5.	diwenters
	s slow convergence for poorly chaque
	Assume conditional independent annua
×.	Ofter variables.
h. 1984.	control orders has be ( orders of side orders of
(P)	P['L/T] = 0.400 - Given
	Somple L-Leisute, T-Train
	m = 100 people.
1 77 J. 1.8	N+ == 30 trains J liven
	N = DC11 2 1
1	Ny=P(1/T) × Nt
ري ه لي	
177	=D 12 +> ciple d = 1
	=D 12 train's pareller
-	1 22 miles 1 22 miles 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

2700 No Witness

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	The same of the sa
	B-J C P(B, J, C)
	0.09
	0.00 0.102
the -	0.189 0.189
-	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	0.070
	0.22
-	1 1 0 0.0 \$ 8 2 2 2 2 2
-	page 3 = 6 = (1 c 7 29 a).
-	
(3)	Cheek conditional independence of joint distribution
(d)	1530 2 11 11 11 11 11 11 11 11 11 11 11 11 1
-	L'ocheck 'y B & C one conditionally indep- given j:- D(BDC/T) = p(B/5).p(c/5)
-	mich ? is
	given j:- p(B/5).p(c/5)
	Using John deshibuhan-
	MCBUCUT) = P(BJ). PC-P). PC
723-00	from 5 and 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1	from table
	n o m to a DCGS)
	ρ(Φ)
	p(Bnc 13)=0.96= 10.176×.0.146)
1	
100	70/11/0-11/9=(10/6)9
	120 = (4)

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que3	interior in the second is the second in the
1	with select on early a A a CAMA.
(9)	Bayesian Inference from what!
	Sol I interview
	A= Adversarial perhabation
	6- backdoor attacks
	M- pusclassify alarm
ā	- A & B are Independent -
	- ASB are Independent  p(ANB) = p(A) × p(B)
Q BIT	= P(A/M,B) = P(M/A,B)×P(A/B)
	MA P(M/p) The MAD
	= A independed B = D P(A/B) = P(A)
H-	so, that: - MA(M,B) = P(A/M)
	so, that: - N(A(M,B) + P(A/M)
===	Sp. J
5)	Probability Janemeters:
	= Pror probabilities paramenal
.3	P(A) = poolability of perforbation,
	P(B) = probability a Backdoor attacker
	PCD = miss classifier alonn.
700 17 18	- Ubelihood!-
	P(M/A) = mischassifier given A.
	p(M/B) = msuasifer given B
	p(M/A,B) = misclassifier given A&B.

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	= Posterior:
	OCAIM) 2 A a given in was Misday
	Michan B) = probability of A given P.  Michael L. B.
	Michassified VB.
	moderation proposition
	And Andrews In Company
	The Merciality of the
(	(c)
	1. Away exect-
	· when B is observed.
	· P(A/MB) < P(A(M)
	This reduction occurs because B provider
	an alternative of M.
	The state of the s
	a, reasoning is
	b. Mood assified determined by by 10th
	141B 20 their then A to comprahely
	less.
7.	- PCA/M,B) = PCM(A,B) × P(A)
-	1000 1000 1000 1000 1000 1000 1000 100
	want candona in the day AB) it was
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