

	Topic:	Sciu from	Page No.:
	P(4) = 444, 44	They carry,	
ON. 9-	[B'U (B'-A)]		
(2 m)	= [B'U(B'nn')]'		
	= [B n (B'nA')]		an's lawy
	= Bn(BUA)	(demo	Jon's 19wy
	: (d) paul- 10 tu	Ay	
OM 10 ->	X1 (XUY)		
[24]	= X n (X'nY')		•
	$= (X \cap X $		
	- 4		*
	:- (C) paux is true	AN .	
On 11+	y=1 also y	= - ×	
(2M)	$\frac{1}{\lambda} = -\lambda$		
	then is no value	e (real value) 9	1 2
	=> X GB= 0	.: (°) paut	stu Ans
On 12	n(A) = m	(B) = n	
(2M)	91 un 2m-2n=5	6	
	= 2m_2n=	64-8	
	$= 2^m - 2^n = 2^m$	2 -23	(CLASSTIME')
			CLASSITIVE

	Topic:
	Company m=6, n=3 Ay
OM13	$X_1 U X_2 U Y_3 X_{20} = S$
(4 M)	Since each X Contain 5 element.
	:- Maximum no. y element is set 5 = 20x5
	But en set 5, every element is lepeatry 10 trong
	$rac{1}{10}$ $rac{1}{10}$ $rac{1}{10}$ $rac{1}{10}$ $rac{1}{10}$
	Y, U Y, U Y3 Yn - 5
	each Set y contains 2 elements Max. no-y elements en Set 5= 2xn= 2n
1	
	But in Set 5, every element is repeating 4 thmy
	$-in(s) = \frac{2n}{4} = \frac{n}{2}$
	From (1) 2(2)
	7 = 10 = 1 M=20/ Am
On 14	→ 91cm n(F) = 38
(4 M)	$\gamma(b)=15$
	n(c) = 20 n(Fubuc) = 58
	n(Fnonc) = 3 = e
	r(fubuc) = n(f) + n(B) + n(c) - n(fnB) - n(Bnc) - n(fnc)
	+ n(FNBAC)
7	58 = 38 + 15 + 20 -n(FAB) -n(BAC)-n(FAC)+3
-	n(FOB) +n(Boc) +n(FOC) = 76-58
	bte + etf + dte = 18 2 btd+f + 3e = 18
	(CLASSTIME)

	Topic:
	$\Rightarrow b + al + 3e = 18$ $\Rightarrow b + al + 4 = 18$ $= 1e = 184$
	$\Rightarrow b_{1}c_{1}+f_{2}=18 \qquadf_{2}=184$ $\Rightarrow b_{1}c_{1}+f_{2}=9$
	1 posts Ans
01/5-	
(4 M)	n(H)=2r=a+b+e+d
	n(t)=26=b+c+e+1
	n(II=26 - dre-17+9 als)
	n(HNI)= 9 = dte
	$n(H \cap T)=11 = b+e$
	$\gamma(Tri)=8=e+4$
	m(H1711)=3 = C
	e=3, $f=5$, $b=8$, $g=12$; $c=10$, $a=8$
	0 × 6
(2)	exactly after one reuspaper $a+c+g=8+10+12=30$
G	affine one reuspaper at $ct9 = 8 + 10 + 12 = 30$
	æthær one neuspipus a+b+c+d+e+f+g=52
(1M)	A - (B-C)
+	= A - (Bnc1).
	= An (Bnc')'
	- An (Bluc)
	= (ADB) U(ADC)
	= (A-13) (1/An)
	(b) paux is the ans
The second second	
	(CLASSTIME)

	Topic:
017	+ 91cm C= AUB
(IM)	$A \cap B = \emptyset$
(, ,	
	Non C-B
	$= (A \cup B) - B$
	= (AUB) nB)
	- (AMB') U (BMB')
	= (AnB') V d
	- ANB' BUT ANB= # :. ANB'= A
	= pau (B) 13 An
O1-18-	
(4M)	$n(A) = 76\%, g(\alpha) = 76$ $n(B) = 62\%, g(\alpha) = 62$
	$n(B) = 621.9 \omega = 62$
	let n(AnB) - x
	We know from m(AUB) =n(0)
	$\Rightarrow n(A) + n(B) - n(ADB) \leq n(U)$
	$\Rightarrow 76+62-\varkappa\leq 100.$
	$= 138 - x \leq 100$
	$= 2 \times 2 \times 38 - 6$
	also $n(AnB) \leq n(A)$ and $n(AnB) \leq n(B)$
	$\chi \leq \chi \leq 0$ and $\chi \leq 62$
	Consider N = 62 (2)
	$P = C \cap P \cap$
	7m (1/20)
	$38 \leq \chi \leq 62$
	1 381/ to 821/ like both boncina
	CLASSTIME'