1. Woo (heng Shuon A23(50283 2. Poh Lok Yee A23(50262 3. Brendan (hia Yan Fe1 A23 C5021) Question (a) $m(k-1) < n$ $m = 101$ (pigeonhole) $n > 101$ $k = 2$ $n = [02]$ (pigeonhole) $k = 2$ $m = 5$ (pigeonhole) $n > m(k-1)$ $n > 6$ $m = 5$ (pigeonhole) $n > m(k-1)$ $n > 6$ $m = 5$ (pigeonhole) $n > m(k-1)$		Subject:		
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(a) $m(k-1) < n \qquad m = 0 (pigeonhole)$ $n > 0 \qquad k = 2$ $n = 0 \qquad (pigeons)$ $m = 0 \qquad (pigeonhole)$ $m = 0 \qquad (p$				
$m(k-1) < n \qquad m = 101 \text{ (pigeonhole)}$ $n > 101 \qquad k = 2$ $n = 102 \text{ (pigeons)}$ $k = 6 \qquad (software to be not the problem in the problem $		Question		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	(q)	(1 1)		1.10
n = 102 (pigeons) per ser some morphogram no states a = 25 tree (b) k = 6			". '' - ' - ' - ' ' - ' ' - ' ' - ' ' - '	on note)
(b) k=6 m=5 (pigeonhole) n > m(k-1) n=? (pigeons) n > 5(5) n > 2550 out thomas with and a bread of a second o				The state of the s
(b) k=6 m=5 (pigeonhole) n > m(k-1) n=? (pigeons) n > 5(5) n > 2550 out thomas with and a bread of a second o		n = 102 (pigeo)	1811) This gas desper hobblish	in the Steeled R. C. Chillian School
m=5 (pigeonhole) n > m(k-1) h=? (pigeons) n > 5(5) n > 7:25 = 0 at 2 15 and 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(1.		A CONTRACTOR OF THE PROPERTY O	
$h = ? (pigeons) \qquad n > 5(5)$ $n > 25 \qquad out the sense of the sense o$	(b)			
n = 26 n = 26 supply only in the last part of the property o		1423 (pigeomore)		
n = 26 290 by sail on X (14) (work possessibly at as being in 200 by sail on X (14) (work possessibly at as being in 200 by sail on X (14) (work possessibly at as being in 200 by sail on X (14) (work possessibly at a being in 200 by sail on X (1		n= . cprgeens		is edges to line which con
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And the process of the part of		19	and their the told	is based so for disastan at
and the contract seeds to be a contract to the contract of the			<u> </u>	
and the second and definitely second				INSTAULT HARMONIA (1)
the supply with ingressions are making to place to the contract to		Application of the second	ción tasabila de las p	
				A 9 5

-	Question 2	
-		= purchase any extended warranty
	B = purchase Brand 2	
	c = purchase extended warrant	
	D = purchase extended warrants	
	5-4 V	0-2
a)	P(A) = 0.7	(f) 0.7
b)		0.8
()	P(c A) = 0.2	0.3
<u>d)</u>	P((AA) = P(CIA)-P(A)	0.6
	= 0.2 . 0.7	P(E) = [0.7.0.2]+[0.3.0.4]
-	= 0.14	= 0.26
- \		
9)	$\frac{P(D \cap B) = P(P \mid B) \cdot P(B)}{= 0.4 \cdot 0.3}$	$\frac{(g) P(A E) = P(A \cap E)}{P(E)}$
	= 0.12	= 0.14
		0.26
		= 0.5385
		X 1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.
	Question 3	
	Question 3	
(a)		n where two rays or line segment meet
(q)	vertices = points on a polygon	n where two rays or line segment meet
(q)		n where two rays or line segment meet
(a)	vertices = points on a polygon	n where two rays or line segment meet
	vertices = points on a polygon B A 2 : AiBi(iD are vertical)	n where two rays or line segment meet tices
(q)	vertices = points on a polygon B A 2 : A,B,(,D) are vertically a polygon	n where two rays or line segment meet tices
	rertices = points on a polygon B 1 A 2 : AiBi(i) are ver (3 D) edges = a line which connects	n where two rays or line segment meet fices two endpoints
	vertices = points on a polygon B A 2 : AiBi(iD are vertical)	n where two rays or line segment meet fices two endpoints
6)	vertices = points on a polygon B A + 1 2 : A,B,C,D are vert (3 D) edges = a line which connects : based on the diagram above,	n where two rays or line segment meet fices two endpoints
	vertices = points on a polygon B 1 A : A,B,C,D are vert (3 D edges = a line which connects : based on the diagram above, Adjacent vertices	two endpoints 1.2.3.4 are the edges
6)	vertices = points on a polygon B A + 1 2 : A,B,C,D are vert (3 D) edges = a line which connects :- based on the diagram above, Adjacent vertices a e, b :: a on	two endpoints 1.2.3.4 are the edges and one adjacent vertices since
6)	vertices = points on a polygon B A 2 :. A,B,C,D are vert (3 D) edges = a line which connects : based on the diagram above, Adjacent vertices a e, b :. a on	two endpoints 1.2.3.4 are the edges
6)	vertices = points on a polygon B A + 1 2 : AiBi(i) are vert (3 D) edges = a line which connects : based on the diagram above, Adjacent vertices a e b : a on both	two endpoints 1.2.3.4 are the edges and one adjacent vertices since

(d)	Incident	Edge		
	a	e ₁	Ь	:. e, and e, are incident edges since
				they share a common vertex, a
	62	and the same of the same of the same of	64	*
	(⁰ 3	d	
(e)	Loclated	vertex		0 0 0 0 0 0 0 0 0 0 0 0 0 0
	9	. b		:. d is a isolated vertex since it is
				not connected by any edges
	,	• 4		, , , , , , , , , , , , , , , , , , ,
f)	Loop		1,100	<u> </u>
	9	L		:. e is a loop can edge that connects
	al	75		vertex a to itself
-		الم		
		<u> </u>		
9)	Parallel e	dae		
,,	ruraliet 4	uyrs		e, and ez are parallel edges since
	er	<u>_</u> 6		they shore the same set of vertex
	2 (62	7		They short the same set of seriffx
	e,	15		
1	(14	- d		
	Question	4		
di	y)= 3			
3	v ₂)= 2			
	v)= 3		est since	
de	νψ= 5	Andrew Marie Carlogs and the State of the State of	C Committee on the second of the second on t	- yerkili yoni wil hali balan balan balan balan isi
d(vg)= 1			

(1)	Incidence Matrix	Cii)	Adjacency	Matrix				
	and the state of t							
	a b c d e f g h i	k	1 2 3	456				
	1 1 2 1 1 0 0 0 0 0	7	102	100	1.2			
1	2 0 0 0 0 1 0 0 0 0	A THE RESIDENCE OF THE PARTY OF	000	100				
	3 101001110		200	111				
	40001110010		111	001				
	5 0 0 0 0 0 0 0 1 0	1 5	0 0 1	001	H. Milliam (S)			
	6 000000101	1 1 1 6	0 0 1	110				
	by and edition is							
	Rupstion 6							
		ABC	DEF					
	$f(A) = 6$ $A_Y = $	4010	100		qval (3)			
	f(B) = 5 - 000 - 120 - 200 - 11		t t. 1		Ş.			
		000	1 1	d				
	f(D)=3)	001					
	f(E)=2	E 0 1 1	0 0 0					
	f(F) =	= 0 1 1	0 0					
				13.	igs randirly edi			
	3 m 2 190 2 190 mg	6 5 4	3 2 1					
	A_{z}		100					
	5		111					
	. 4	0 0 0	111					
	3	111	0 0 1		4.3			
	2	0 1 1	0 0 0					
		011	1 0 0	3	A NORTH			
	Land Control of the C							
_	Graph Y and Z are isome							
_=	They have the same number	of edges	and verti	ces and a	ire simple graphs			
_	[4] [4] [4] [4] [4] [4] [4] [4] [4] [4]	the same de	gree		de Jacob			
				· Care hypotherica with appropriate to the state of the second				

Question	7
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