	No.: Date:
	Assignment 3
-	Chroup members:
	O AM XU YUEN ASHESE & S.2
	FONCE JIN XVAN AD4CSCOTA
	(S) LAI SHI HI A)4CS0198
The same of the sa	E ZAHIN IRDINA BINTI MOHD ZABIDY AL4CSO216
and the second s	Question 1 Discrete Probability Theory
ı	(4) All people = 2045 = 25
0	P(4T) = 5(4 = 1 = 3,9526 × 10-4
the state of the s	25(4 2530
	(b) P(172P) = 20(2, 5(2 = 38 = 0.1502
-	25 (4 253
١.	N: Kamal buy a new car
	C: Kamal live on campus
	P(NNC) = 0.37
	p(c): 0.13
	P(NIC) = P(NAC)
<u> </u>	ρ(ι)
	= 0.37
	σ·13
	: 37 · · · · · · · · · · · · · · · · · ·
	15
	- 0.5068
3.	(a) E: Sum of numbers on dice is even
	E:{(1,1),(1,5),(1,5),(2,4),(2,6),(3,1),(3,3),(3,5),
	(4,4), (4,4), (5,1), (5,3), (5,5), (6,4), (6,6)}
and the second second second second	

C

	No.: Date:
2.	(a) Verticle: A point or dot where two or more lines, curves, rays, edges, or line segments meet.
	(b) Edge: A line that connect between the nodes (verticles) of the network in graph.
	(c) Loop: An edge incident on a single vertex.
	(d) Parallel edges: Two or more distinct edges with the same set of end points.
	(e) Degree of vertex: The number of edges incident with verticles.
	Question 4 Representation of Graphs (a) disjoint vertex set 1: { V., V2, Vs }
	disjoint vertex set 2: { v3, v4 }
(b) simple groph, connected groph, undirected groph
2.	5 3 7 6
	$\frac{1}{f}$ $\frac{8}{g}$
	(ost = 5+6+5+7+8+20)
-	

No.:		Date:				
	1					
(6)	Properties	Cat	(11			
	Number of verticles	6	6			
	Number of edges	11	11			
	Number et degrees	2 verticles with 3 degree,	2 verticles with 3			
		4 verticles with	degree, 4 verticles			
		4 degree	with 4 degree			
	Both and as have 6 verticles and 11 edges.					
1	Both are simple and connected graph.					
1	Both have 2 verticles with 3 degree and 4 verticles with 4 degree					
1	However, function +: (1 -> cannot be defined.					
	Hence, (1, and (1) are not isomorphic.					
			,			
	1 , 1 1 1					
A A A						
	B C B C B C B C C B C C C					
8	B C B C B C B C B C B C B C B C B C B C					
	0					
-						
	-					
	•					
			COLUMN TO THE PARTY OF THE PART			