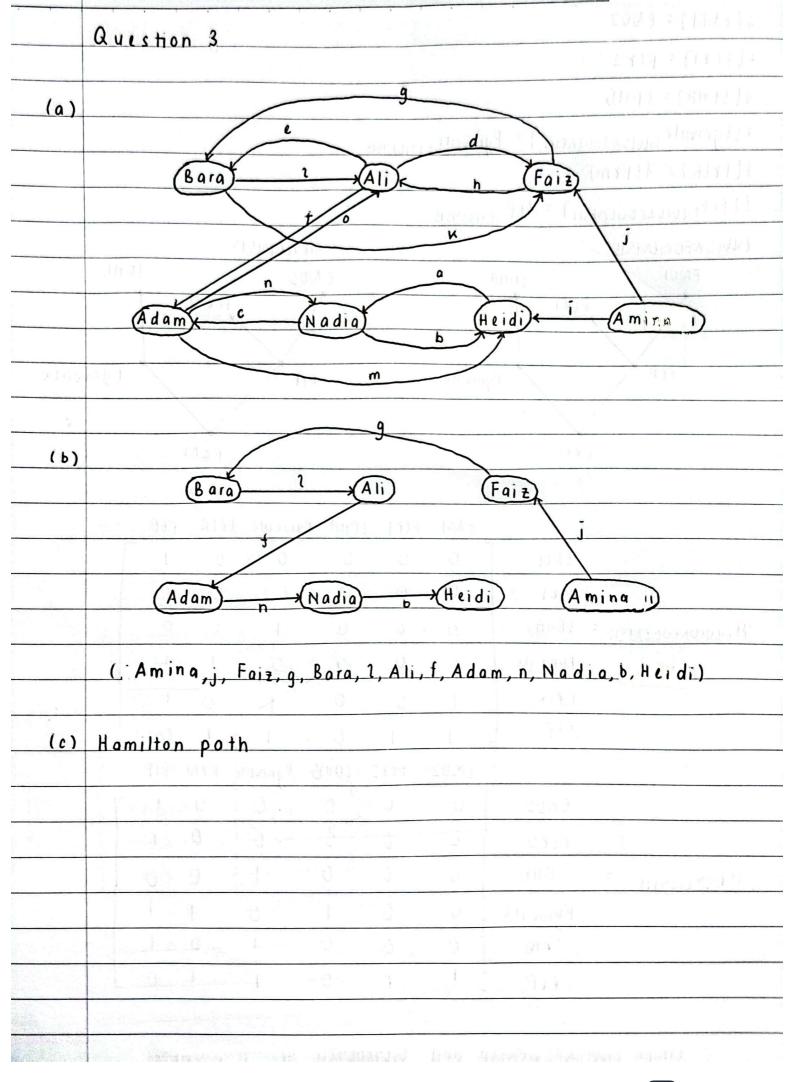
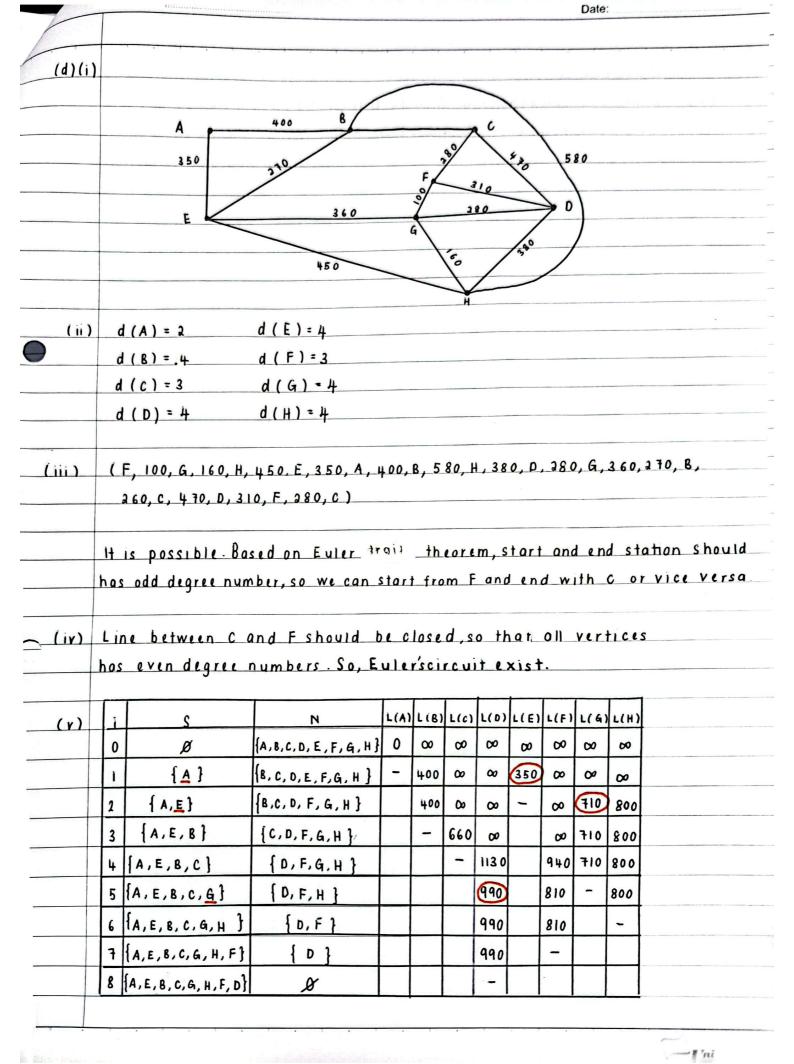
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	No.:	Date:
	SECT1013: DISCRET	ESTRUCTURE
and the second second second second		
	ASSIGNMENT 3	
	\$ T C OU O O	
	SECPH-02	
	AUNI SOFIA BINTI ABD RAHMAN	A24CS0051
	MAXIVIANNA BINTI ROBERT	A24C50109
	NUR UMAIRAH BINTI ZAMRI	H24CS0168
Mark and Alexander		

Date:
Question 1:
Mark Charles of the Carlot Car
(a) P(Private university) = 175
500
= 0.35
(b) P(Local Public university) = 1-0.35
= 0.65
(c) Yes, these two events are mutually exclusive events because the
conditions does not occur at the same time and place. There are also
no students that studies in both private and local public
university at the same time.
(1) O Deivel vaiveetile
(d) P = Private university
L = Local public university
B = Business - related field
· P(BIP) = 0.6
· P(BIL) = 0.4
· P(PIB) = 0.7
The state of the s
ci) P(BIP) = P(PnB)
P.CP)
P(PAB) = P(BIP) x P(P)
$= 0.6 \times 0.35$
= 0.21
i i filosoficial de la completa de l
(ii) P(PIB) = P(BNP)
PCB) MRT Westig Fred Cast Cast Cast Cast Cast Cast Cast Cast
P(B) = P(BNP)
P(PIB)
= 0.21
0.7

	No.:				Date:				
					Later				
,	Ciii) P(LIB)	2	P(BIL) X	P(L)					
	[P(BIL) x P(L)] + [P(BIP) x P(P)]								
		=	0.4 x 0.65						
	$(0.4 \times 0.65) + (0.6 \times 0.35)$								
		= 0.55							
			5 Y / 1 1 1	n veter given	Harata Bad				
	Question 2		1787 1						
	Number of vertic	ls :	e pilitaren ar	•					
100	GLUCONFOGENES	IS = 6 Nertice	5. 1 - 1	· ()	, chally the se				
	G14(01)818 = 6	vertices	ng dia a	alah - d di	to the second				
			esing!	1.80					
	Number of edges:								
	GLU(ONFOGENESI) = 6 edges								
	GLYIOLY GIS = 6 edyes								
					1 1				
	Number of degree	es of each	vertex:						
	GLU(ONEO GENER	T	GLYCOLYSIS						
	Vertex	Degree		Vertex	Degrek				
	ENOI	1		EN02					
	PCKI	1		PCK2	1				
	LOHA	1		LDHB	ind by (a)				
	Pyruvate	3		Pyruvate	3				
	PKIR	2	(9:1	bkW	(402)				
	PFP	4		PEP	4				
				12 6 -					
	Incident function;	f: Gluconi	OGENESIS -> GLY	(01751)					
		GLUCONFOGENESIS = { ENOI, PCKI, LDHA, Pyruvate, PKLR, PEP }							
	GLYLOLYSIS = {E								

t(ENOI) = ENO2			,	, ,	,			
f(PCKI) = PCK2								
f(LDHA) = LDHB								
f (Pyruvate GLUCON EOG	entsis) = Py	nuvate GI	71017513					
f(prir) = f(prm)				4				
f (PEPHLULONEOHENES	s) = PEP41	1(017313						
CALULO NEO GENESIS				લા '	1124707			
ENOI	LOHA			EN0		0e V 0		HB
P	CKI					PCK 2		
			and the second second		\checkmark			0
PEP	Py	jruvute		PÉ	P	,		Pyruvate
						\checkmark		
P	KLR	- 1 · · · · · · · · · · · · · · · · · ·				bkw		
	A		1	<u> </u>				
	<u> </u>	ENOI	P(K)	LOHA P	ymvate	PKLR	PEP	
,	ENOI	0	0	0	0	0	1	
(onisan	PCKI	0	0	0	0	0	1)_	
A GLUCONEO GENESIS =	LDHA	O	0	0	1	O	0	
La Sinta de La Caracteria	Pymvate	0	0	1	0	1	1	
	prlk	0	O	0		O	l	
	PEP	_ 1	·ì	0	ı		0	J
		EN02	pct2	LDHB	Pyravate	bkw	PEP	
	E N02	0	0	0	0	O	١	1
	PCK2	U	O	0	0	O	. 1	
A GLY COLYSIS =	LDHB	O	O	0		0	0	
	Pynivate	U	0	١	U	1	1	
	bkw	0	O	0		D	1	
	PEP	1	10 m 1 m 1 m	0			0	
	0, -, -, -, -, -, -, -, -, -, -, -, -, -,		HEAD - HE WA	4 8 86 65 C			n - m	
: Graph Glu	ONFA GENE	sic and	6111	OLYSIS	are i	(ohic	
- Crown		, i, o, i, o	-,-,,	101)	W.E 10	onor) II [,	





	No.:	te:	
	Question 3		
(v)	minimum length from Ash to Daisy = 990		
	shortest route = A, E, G, D	<u> </u>	
	6		
		- (A ', L	
))
4-4			
<u> </u>	a. C. A. J. E. LEWA, J.O. B. E. SER H. JEROND, TER B. LEWELLE		
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	Canada Changle ng a na paga a na	agencia de la compansión	434
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		a Alisi	