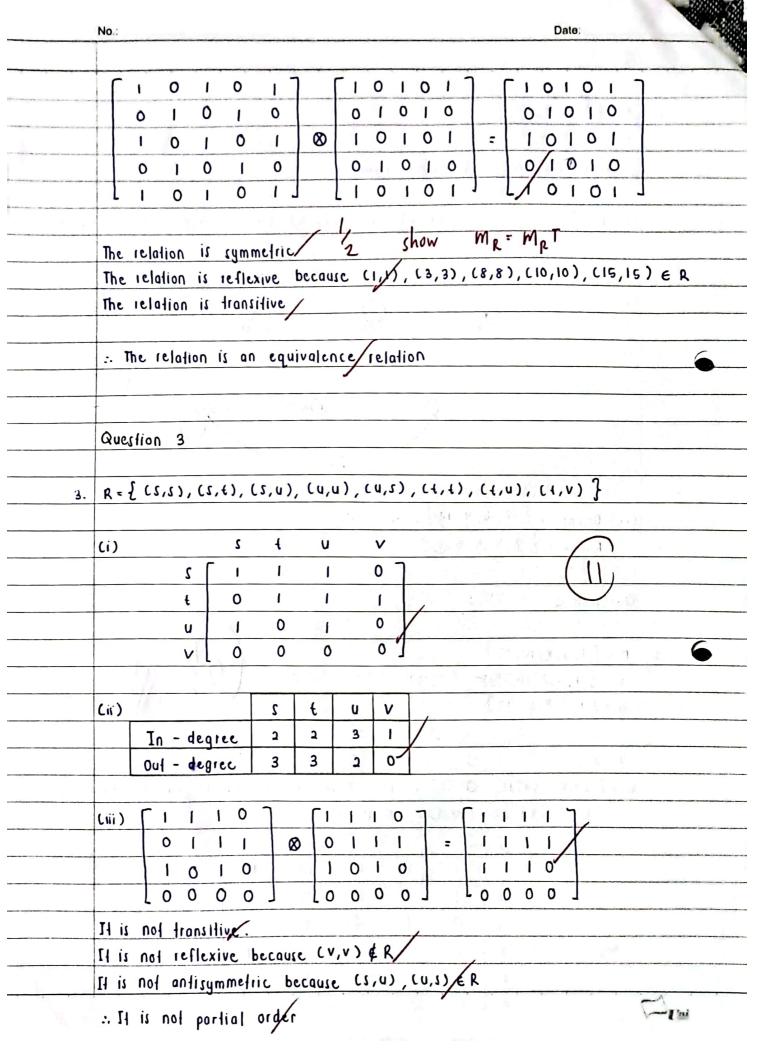
SEC	PH-02)	3° (-) (-) (-) (-) (-) (-) (-) (-) (-) (-)	(4) (50)
de la companya della companya della companya de la companya della			(P) (S) (S) (S) (S) (S) (S) (S) (S) (S) (S
de la companya della companya della companya de la companya della		IAPTER 2	
11000		100 AAA701V	
IL NAMA	T. N. 0 FM7	NU. MATRIK	
MAXIVIANNA BINTI		A24CSO109 A24CSO051	
. AUNI SUFIA BINTI . NUR UMATRAH BIN		A24CSOUST	
. NOK UMNIKALI BIN	LI TUME	N24030100	

1	NO.:							Date:
	Question 1							
					9 1			6 2 1
1.	A = { 3,6,9			1				
	B = { 2,3,4	,5,6}		0 6	2.1	N.		(4)
	a R b only	y if a -	Ь	even	num			<u> </u>
		2) (2)	-> ((1)	((11)	14.67	(9.2)	(9,5),(12,2),(12,4),
		2,6)}	ا, ر	0,2),	(6/1)	1	1	(173) (174)
	<u>, , , , , , , , , , , , , , , , , , , </u>	2,073					V	and the state of t
	(ii)		/		\bigcirc		1	it is a few region
		<u> </u>			3 —			
6				1, 1	11.0	1.16 16]	pa py 1	sental in
								10
			(≥ ←		-0-		%
								O made and
					_		_	
		0.1		,	1	. W 1 (a	18.77	La cataly a
	(iii) Domain =	{ 3, 6,	وا , ۹	3				
	Range =	{ 2,3,4,	5,6	3		14	4	80
							1-1	
	Question 2						O _b	
						4		
6 2.	0 = { 1,3,8,	10, 15 }			1	\$ · *		
	x = { 1,3,8	,10,15}						12/1
	y = { 1, 3, 8,	10,15}			- 1		_	(N)
								neste e oferi
	y - x :					/		
valori sili sasara sa	R = { (1,8),	(1,15), (3, 10), (8,1),(8,	18), (10	,3),(15	,1),(15,8),(1,1),
	(3,3),	(8,8),	10,1	0), (19	5,15)}			433
	1							
		Tan a	1	3	8	10	15	
	3	1	d.l.	0	19	0	()	
		3	0	ı	0	1	0	State of the state
	MR =	8	ı	0	1	0	1	
		10	0		0	ı	0	
				THE SECTION AND ASSESSMENT AND ASSESSMENT	A law agency and the same of t	and the second of the second of the second of	Commence of the Commence of th	



Question 4	L	
------------	---	--

$$v(-2) = 4 - (-2)^2$$

= 0

- · V(x) is not a one-ty-one function because V(-2) = V(2) and -2 \$\frac{1}{2}\$.
- onto 20,43 · v(x) is not onto / it is only

w(-2) = 2(-2)

= -4

$$\omega(0) = 2(0)$$

$$W(2) = 2(2)$$

= 4

- . w(n) is a one-to-one function and onto 7.
- · w(x) is a bijection

Question 5

Inverse of g(x)

$$(g \circ f)(7) = g[f(7)]$$

= $\frac{2}{3}(7x-2)$

(gogof)(x) = g[g(f(x))]

	No.:	Date:
	Question 6	
Ú.	Ft = F(t-1) + 1/5 (F(t-2))	, t ≥ 2
	/	/a
رنا		(F_0) $F_3 = F_2 + \frac{1}{5}(F_1)$
	F ₁ = 4.5 = 4.5 + 1/5 = 5.5	5(5) = 5.5+ ¹ / ₅ (4.5) = 6.4
	= 5.5/	- 6.4
	F4 = F3 + 1/5 (Fa)	Fs = Fa + 1/5 (F3)
	= 6.4 + 1/5 (5.5)	= 7.5 + 1/5 (6.4)
	7.5	= 8.78
	· Fo = 5.0, F1 = 4.5, Fa = 5.	5, F3 = 6.4, F4 = 7.5, F5 = 8.78
	O	
	Question 7	(1)
	Wo=5, Wi=7, Wn=2w	/n-1 = Wn-1 for n ≥ 2 . Trace algorithm for n = 4
		The state of the s
	input:n	n=4, because n +0, n +1
	output : w(n)	return 2 (w(3)) + w(2)
		n=3,bccause n≠0,n≠1
	w(n) {	return 2 (w(2)) + w(1)
	if (n=0)	n=3, because n=0, n=1
	return 5	return 2 (w(1)) + w(0)
-	else it (n=1)	n=1, ceturn 7
	return 7/	n = 0, return 5
	ulsu /	
	return 2 (w(n-1)	,
		tor n = 2, return 2 (19)+7 = 45
		for n = 4, retyrn 2 (45)+19=100
	W. = 5	, W1 = 7, W2 = 19, W2 = 45, W4 = 109
Paratri Irania		