

Green University of Bangladesh

Department of Computer Science and Engineering(CSE)
Faculty of Sciences and Engineering
Semester: (Summer, Year:2021), B.Sc. in CSE (Day

Final Exam

Course Title: Computer Architecture
Course Code: CSE-211 Section:193DB

Student Details

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Course Teacher's Name : Syed Ahsanul Kabir

	Status	
Marks:		Signature:
Comments:		Date:

193002101

Ans to the a. No: 8

xk* (Yk+ 2k) forc, k=1,2,3,4,5 The subopercations that percharms in each sement of pipeline.

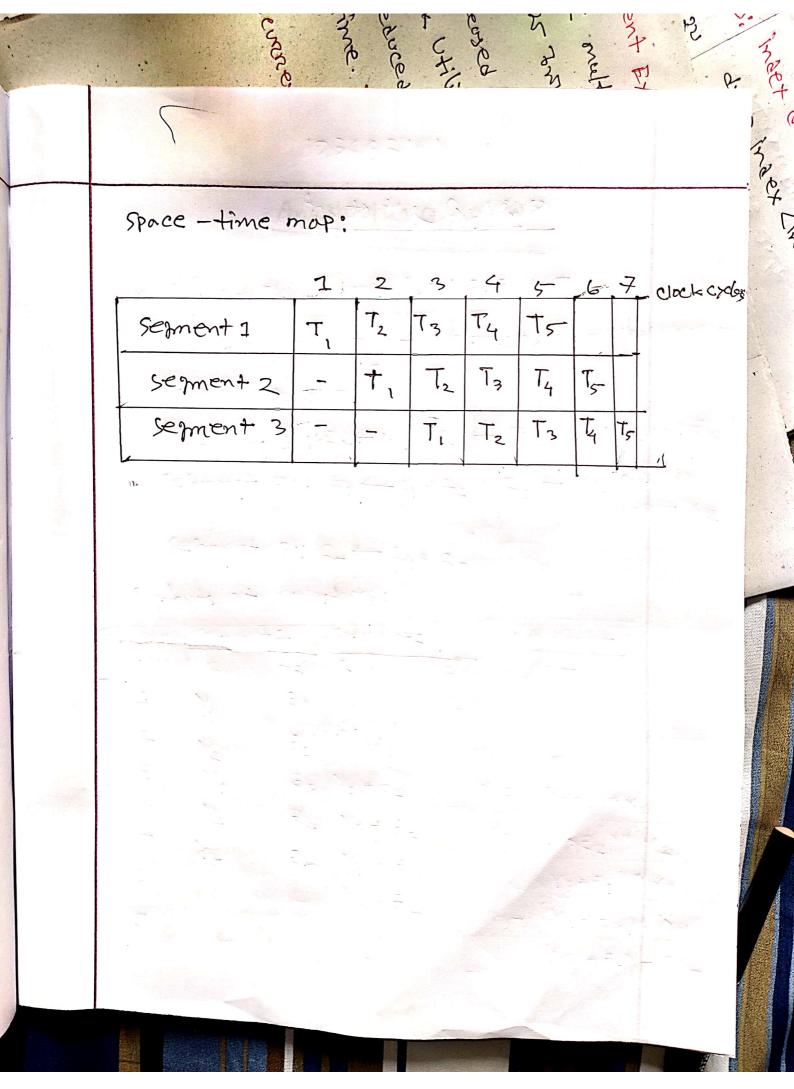
segment 1: RIEYk, RZE Zk input Yk and Zk

selment Z: f3 <- P1 + P2; P4 <- Xk Add and input Xx

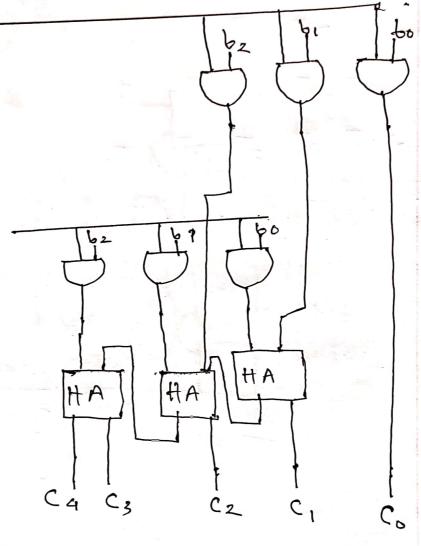
segment 3; Rx = R4 * R3

Contents of registers:

Clock PUR	segment	1	sement 2		segment 3	
Pulse number	R,	PZ	K3	P4	R5	
1	7,	کر ا				and the second s
2	72	2,	Y, +2,	×1		to deficie was a series of the
3	Y3	3,	Y2+22	X 2	(Y++1)*x	
4	Y4	₹4	Y3+23	Xz	(Y2+72)*	×z
5	Ys	25	Y4 +24	×4	(Y3+23)	* * * 2
(b)	, -	-	Y5+25	×5-	Cr4+24?)* × c
Z	-	,	_		(75 + 25°	
	7		•	-	5) " ×X5



0



bz b, bo,

a, aax

bz b, bo

a, aax

bz b, bo

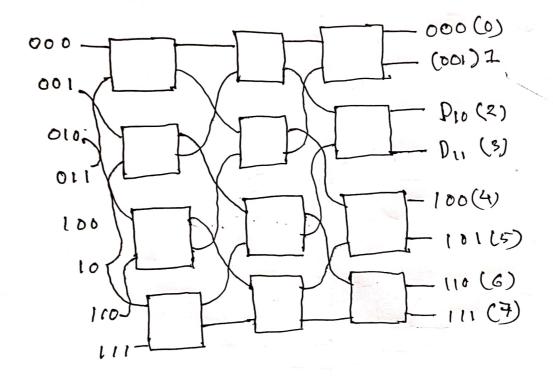
a, az x

a, bz a, b, a, bo

c, c, c, c, abz a, b, a, b,

Ans to the Q. NO: 10

Construet a diamam Soron 8x8 ometa switching -Stage



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Are to the a. No: 77

diven that,

$$k = 3$$

$$= \frac{100 \times 3 \times 35}{(100 + 3 - 1) \times 35}$$