1/23/21 Phu Cod-0

520200 LOPTA

(a) Sum of products from

Y = ABCD + ABCD + ABCD

+ ABCD + ABCD + ABCD

= M2 + M3 + MC+M3 + M12 + M13 + M14

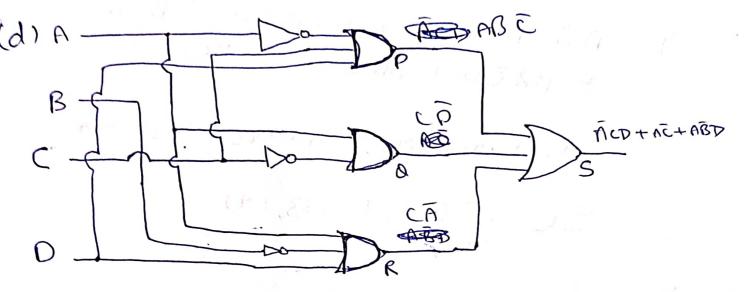
= \( \int (2, 3, 6, 7, 12, 13, 19) \)

3

Popy Cod - 7

(c) The Sun of products form can be without on

Y-ACTACD+ABD-ABC+CD+CA



(e)	A	B	C	D	P	0	R.	S
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		0	0	ס	10	(D)	0	b
	1	(			0	0	D	0

## Paper Code - M

2-2

Erd Sen Exam

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l	0	0		0
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f(s(Sun) = \( \xi(m\_1, m\_2, m\_4, m\_4)\)  $f_{cont}((anyout) = \( \xi(m_3, m_5, m_6, m_4) \)$ 

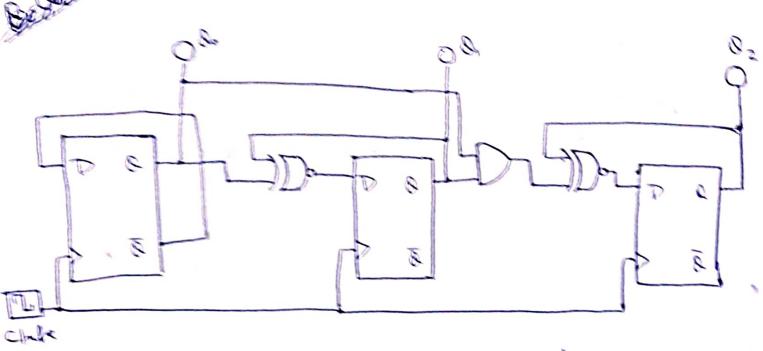
Paper Code - M YASH GUPTA Assuring a 3 to 8 decoder fuoleccs as 2 and no, n, nz, --- Ma A, B, Con one inputs Lugtus are the Mo Sun 3 to 8 decodes Cont Ma Full adder using decodes

PASH GUPTA Pulper Code - M S20200010219 Q.3 (Contrue) The soland pins are 01, the universal stiff shift register operation register berform 0-9 Timing diagram

Pfor Cal - M

TABIL GOPTA P15010005053





3- bit Sychoonous Down Counter

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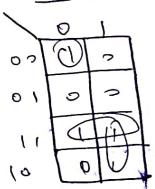
## Befor code - M

YMU GUPTA 52020010279

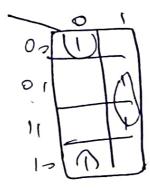
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