1	Jimoliki	Han	Hallaringa	0 1			
1)	De openy	we	gourding.	Boolean	expression	[AB'(C+BD)+A'B'	0
						L LE BBS L M IS	

- = [AB'C +AB'BD +A'B' C
 - = LABCTABIC
 - = ABC+ABC
 - = BC (A+A)
 - = BC

- what oure clear of preset inputs initially configured as when JK Elip Elop is used as a down counter? Assume clear & preset are active low.
- clear is set to 0 appreset is set to 1.
- what is decimal equivalent of octal number (3T).
- (37) = 3x8: +7x8° = (31)10
- what is [n (nput (avy) pin of IC 7483 set do when it 5) is used as 2's complement subtractor
- cir & set to o. A)
- which statement below best describes a karmongh map?
- it is simply a rearranted trustr table. A)

2 30 7)00	The simplified SOP form of the boolean expression.					
	(P+Q'+R'). (P+Q'+R). (P+Q+R')					
	A) [LABIC HAP IND HATE] =					
	P Q R Y					
	0 0 0 1 SOP; EM (0,4,5,6,7)					
	0010 QR QR QR QR					
	0 1 0 0 PM					
	IIIO PUII					
	1 0 0 01 73+1=1=3/174 (2)					
	1011:.50P:P+PR					
-	1101					
	while at the I flowing is not a weighted and ?					
8)	which of the following is not a meighted code?					
	excess 3. code.					
· (pung)	A magnitude comparator is defined as a digital comparator					
- 1)	which has					
. A>	Three output iterinaly					
. 10)						
. A>	stepping durter 12 = 3 x = 3 x = 4 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x					
	in Asynchronous UP counter, out the flop is triggered					
. An	The normal output of the preceding glip flop.					
	la la in the transport data distributed as both					
12}	A logic weint that proudy a righ output for both or both or both uputs LOW is.					
	Ex-Nor Gate					
. A)	Ex-1000 give					

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		DATE: / /					
(3)	in the toggle made a JK plip blop has	subsely wit 110					
r->	J=1 K=1 00 (C)111 (1) (1)						
	au na ga Ta						
14)	which of the following digital logic wints can be						
	used do add more than I but wine	ed do add more than 1 bit windthancousty.					
A	Ripple - carry adder.	OA .					
		M.					
15)	when does a negetive veriel triggered juip flop in digital						
	electronics changes its state?	Jud & A (es					
A	when clock is low.	cutotta p (A					
4.15	ully at court by	- to 1					
16)	what must be used along mutr synchronous control						
^\	inputs to trigger a change in flip for	op. C					
	Wek.						
171	what will be the extent begin and big land to death in law						
11)	what will be the output from a D fip flop it clock is low up D = 0?						
A	No change						
mari qui	For the state of the state of the form	Variable /s.					
18)	which are the universal gates in logic tanity?						
A)	NAND 4 NOR						
19)	what name is to be considered for "don't care cond".						
A	either 1 or 0.						
20)	The mintern expansion of black(C) = AB+BC'+AC is						
	BC BC BC						
	Ā l : . M2 + M4 + 1	$M_6 + M_7$					
	A 1 1 1,						