sequenting language : mochine, ossembly language of Imagine you have two inputs A and B and you want to design a logic Aisa o and

· B is a 108

· A is a I and B is a O

which logic gates would you ause to coeate this sircuit. (A'.B)+(A.B') · in becaroted startuits

	1	Daic b		2			
A- 12	AB	A'	8'	A'.B	A.BI	(A'.B) + (A.B')	
B	0 0	1	0	0	0	0	
XOR	1 0	0	81.	0	0	1	
	1. 1	0	0	0	0	1	
				1	1	0	



(A.B.C)+(AB.C)+(A.B.C)

gle microci ring.

y and

a Consider the logic sircuit shown in the figure, in which A, B and C are the inputs and a is the output.

		-	_	_						
		A	B	C	B	ī	A.B. 7	A.B. C	1	
		0	0	0	1	1 '	0	-		
	-	0	0	1	1	0	0		0	0
	2/2	0	1	0	0	11	0	0	0	O so led the self of the self
1	1	0	1	-1	0	0	0	0	ob the	Floor and the other one
	1	1	0	0	1	1	1	0	PUTO FO	The burned of your
	1	1	0	1						
-	1	1		0	0	1	0	1	COLLE	10,111
1	1	1			0	0	0	0	,	KAO B BO
										5 0 0

03. Draw the touth table and logic sircuit.

Description: an alert will be displayed when certain conditions occur in a nuclear reactor.

Condition: The output a of a logic sircuit that drives the display of the alest must have a value of 1 when either (08) one of the condition is met.

