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"3-a-day" A-Level Exam Practice Unit 1 (006)

0311	on 1				
The	truth table below has two inputs, A and B, and two outputs, S and C.		LITC		
			UTS		PUTS
(i)	Write a logic expression for S in terms of A and B.	A	B	S	C
		0	0	0	0
		0	1	1	0
	[1]	1	0	1	0
		1	1	0	1
(ii)	Write a logic expression for C in terms of A and B.				
	[1]				
esti	on 2				
	Use the expressions for S and C to draw a single logic circuit for the	he trut	th tak	ole.	
	on3				
esti	on3				
	Using the rules for manipulating Boolean expressions simplify the followir	ng:			
		ng:			
	Using the rules for manipulating Boolean expressions simplify the followir	ng:			
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