Objective

Understand various logic gates

Draw		1
	a clearly labelled gate symbol, detail the cional notation, and create a truth table for the owing logic functions	
(<u>i</u>)	XOR	
		(4 mark
(ii)	NOR	
		(4 mark
		i
	a transistor level circuit diagram and truth table AND Gate which consists of NAND and NOT gates	
Draw		(5 mark
for a		(5 mar)

2. Complete questions below

(c) Draw a transistor level circuit diagram and truth table for a XOR

Gate which consists of NOR and NOT gates

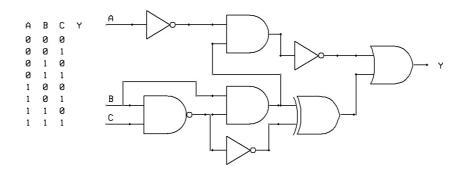
(6 marks)

(d) Draw a logic gate circuit diagram and truth table for a Half Adder using only NAND, OR and AND gates

(14 marks)

3. Complete questions below

Construct the following Circuit using NAND and NOT Gates and complete Truth Tables



Complete Questions in Logbook

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Group	Α		
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