OCR
Oxford Cambridge and RSA

MCQS

Question 1: What is the output of an OR gate if the inputs are 1 and 0?	✓
0	
1	
OFF	
2	
Question 2: What is the output of an AND gate if the inputs are 1 and 0?	✓
ON	
2	
1	
0	
Question 3: What is the output of a NOT gate if the inputs is 0?	✓
1	
0	
OFF	
2	
Question 4: A NOT gate has…	✓
Two inputs and one output	
One input and one output	
One input and two outputs	
Two inputs and two outputs	
Question 5: An OR gate has	✓
Two inputs and one output	
One input and one output	
One input and two outputs	
Two inputs and two outputs	
Question 6: The output of any logic gate can have either of two _____ ?	✓
Gates	
States	
Inputs	
Outputs	
Question 7: A logic state can only be….	✓
On or 1	
Off or 1	
1 or 0	
In and Out	

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MCQS

Question 8: The output of a _____ gate is only 1 when both inputs are 1.	✓
OR	
NOT	
NAND	
AND	
Question 9: A NAND gate is the combination of which two gates	✓
OR and AND	
AND and NOT	
NOT and OR	
OR and NAND	
Question 10: A Half-Adder circuit is…	✓
Half of an AND gate	
Half of a NAND gate	
An OR gate and a NOT gate	
A circuit to add two bits together	

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MCQS ANSWERS

Question 1: What is the output of an OR gate if the inputs are 1 and 0?	✓
0	
1	✓
OFF	
2	
Question 2: What is the output of an AND gate if the inputs are 1 and 0?	✓
ON	
2	
1	
0	✓
Question 3: What is the output of a NOT gate if the inputs is 0?	✓
1	✓
0	
OFF	
2	
Question 4: A NOT gate has…	✓
Two inputs and one output	
One input and one output	✓
One input and two outputs	
Two inputs and two outputs	
Question 5: An OR gate has	✓
Two inputs and one output	✓
One input and one output	
One input and two outputs	
Two inputs and two outputs	
Question 6: The output of any logic gate can have either of two _____ ?	✓
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States	✓
Inputs	
Outputs	
Question 7: A logic state can only be….	✓
On or 1	
Off or 1	
1 or 0	✓
In and Out	

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MCQS ANSWERS

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