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"3-a-day" A-Level Exam Practice Unit 1 (016)

Question 1		
		It is important that enough RAM is left for the operating system to use. Describe a technique that allows operating systems to overcome a lack of available RAM.
		[4]
Question 2		
QUESTIONZ	Cor	overt the unsigned binary number 11110000 to:
		Denary:
	(1)	Denary.
		[1]
	(ii)	Hexadecimal:
		[1]
Question3		
		An AND operation with the mask 10101010 is applied to the binary number 01010101. Show the result.
		01010101
		10101010 AND
		[1]
		An OR operation with the mask 10101010 is applied to the binary number 01010101. Show the result.
		01010101
		<u>10101010</u> OR
		[1]

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	 Memory contents are divided into pages Pages not needed get moved to virtual memory back into a secondary storage d When required the pages are moved from memory back into RAM. (1 per -) 	evice AO1.1
Answer 2		
	240	A01.2
		1
	F0	A01.2
		1
Answer 3		
	00000000	AO1.2
		1
	1111111	A01.2