8.	(a)	(i)	Distinguish between random access memory (RAM) and read only memory (ROM).	[3]
		(ii)	Outline the function of an operating system in managing primary memory.	[2]
	(b)	Ехр	lain the roles of the data bus and the address bus in the machine instruction cycle.	[4]
	(c)	(i)	State how the data stored in the following byte will be represented in hexadecimal.	[1]
			0 1 0 1 1 1 0	
		(ii)	State how many integers could be represented in this byte.	[1]
		(iii)	Outline why this byte could not be used to represent characters such as those used in Chinese.	[2]
	(d)		struct a truth table with two input variables. If input variables are equal the value of ut variable should be True, False otherwise.	[2]