3.	(a)	_	a suitable example, explain how priority is assigned to processes in Ionotonic Algorithm (RMA).	the [5]	
	(b)	Explai	n when a page fault occurs and how such a fault is handled.	[5]	
	(c)	-	are and contrast the following two memory problems: <i>internal entation</i> and <i>external</i> fragmentation.	[5]	
	(d)	Explai	n the best fit and first fit algorithms for memory allocation.	[5]	
	(e)	The following list describes holes currently available in memory, together with their respective sizes:			
			$\langle (B_1, 20), (B_2, 30), (B_3, 25), (B_4, 10), (B_5, 20), (B_6, 15) \rangle$		
		The kernel keeps track of the memory requests of different processes, as follows:			
			$\langle (P_1, 22), (P_2, 17), (P_3, 3), (P_4, 10), (P_5, 8), (P_6, 17) \rangle$		
		(i)	Calculate the size of the holes left when the <i>first fit</i> algorithm is us for memory allocation. Justify your answer.	ed [3]	
		(ii)	Show the memory allocation for each process when the <i>worst fit</i> algorithm is used.	[2]	