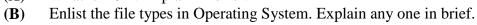
	Enrollma	ent No:		Exam Seat No:				
				UNIVERSITY				
	Winter Examination-2018							
	Subject 1	Name : A	Advanced Operating Syster	m				
	Subject Code: 4CS03AOS1			Branch: M.Sc. CA & IT (Integrated)				
	Semester	::3	Date: 04/12/2018	Time: 02:30 To 05:30	Marks: 70			
	(2) I (3) I	Jse of Pr nstruction Oraw near	•	ny other electronic instrument is pook are strictly to be obeyed. ecessary) at right places.	prohibited.			
Q-1		Attem	pt the following questions:		(14)			
	a)	What is	s Operating System?		1			
	b)		the types of Operating System	n.	1			
	c)		the Static Scheduling Policy.		1			
	d)		the Dynamic Scheduling Poli	cy.	1			
	e)	What is	s deadlock?		1			
	f)	Define	term : File		1			
	g)		term: Shell Script		1			
	h)		term: Kernel		1			
	i)		s vi Editor?		1			
	j)		s the Full Form of RTOS?		1			
	k)		s the Full Form of FIFO?		1			
	l) m)		s the Full Form of EDF? s batch Operating System?		1			
	n)		s Paging?		1			
Atte	,		estions from Q-2 to Q-8		1			
Q-2	<u>}</u>	Attem	pt all questions		(14)			
~ -	(A)		n RTOS and Batch Operating	g system in brief.	(10)			
	(B)	-	n LIFO Scheduling policy wi	. •	(04)			
Q-3	}		pt all questions		(14)			
	(A)		a brief note on "deadlock".		(7)			
	(B)	Write a	a brief note on "Paging".		(7)			







Q-5	Attempt all questions				
	(A)	Write a brief note on "UNIX Architecture" with diagram.	(8)		
	(B)	Write a brief note on "Vi Editor" in Unix Shell Script writing	(6)		
Q-6		Attempt all questions	(14)		
	(A)	Write a Shell Script which print given number is even number or odd number.	(7)		
		(N as a Input number)			
	(B)	Write a Shell Script which print given number is prime number or not prime	(7)		
		number.			
		(N as a Input number)			
Q-7		Attempt all questions	(14)		
	(A)	What is process? Explain Process State Diagram in brief.	(10)		
	(B)	Explain EDF Scheduling Policy with example	(04)		
Q-8		Attempt all questions	(14)		
	(A)	What is thread? Explain thread processing with diagram.	(10)		
	(B)	Explain FPS Scheduling Policy with example	(04)		

