

Enrollment No: _____

Exam Seat No: _____

C.U.SHAH UNIVERSITY

Winter Examination-2018

Subject Name : Advanced Operating System

Subject Code : 4CS03AOS1

Branch: M.Sc. CA & IT (Integrated)

Semester : 3

Date : 04/12/2018

Time : 02:30 To 05:30

Marks : 70

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
 - (2) Instructions written on main answer book are strictly to be obeyed.
 - (3) Draw neat diagrams and figures (if necessary) at right places.
 - (4) Assume suitable data if needed.
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Q-1	Attempt the following questions:	(14)
	a) What is Operating System?	1
	b) Enlist the types of Operating System.	1
	c) Enlist the Static Scheduling Policy.	1
	d) Enlist the Dynamic Scheduling Policy.	1
	e) What is deadlock?	1
	f) Define term : File	1
	g) Define term : Shell Script	1
	h) Define term : Kernel	1
	i) What is vi Editor?	1
	j) What is the Full Form of RTOS?	1
	k) What is the Full Form of FIFO?	1
	l) What is the Full Form of EDF?	1
	m) What is batch Operating System?	1
	n) What is Paging?	1

Attempt any four questions from Q-2 to Q-8

Q-2	Attempt all questions	(14)
	(A) Explain RTOS and Batch Operating system in brief.	(10)
	(B) Explain LIFO Scheduling policy with example.	(04)
Q-3	Attempt all questions	(14)
	(A) Write a brief note on “ deadlock ”.	(7)
	(B) Write a brief note on “ Paging ”.	(7)
Q-4	Attempt all questions	(14)
	(A) What is PCB? Explain in brief.	(7)
	(B) Enlist the file types in Operating System. Explain any one in brief.	



