

NATIONAL OPEN UNIVERSITY OF NIGERIA University Village, Plot 91, Cadastral Zone, Nnamdi Azikiwe Express Way, Jabi, Abuja

FACULTY OF SCIENCES

JULY 2017 EXAMINATION

Course	c Code: c Title: c Credit	Unit:	CIT 752 Operating System Concept 2 Answer Question One (1) and other any	Time: four (4) questions.		
	a) b) ? (8 ma c)	What arks) As a	guish between a program and a program the necessary and sufficient con process executes, it changes state m, describe each of these states	ditions for a dea	dlock to	ative
2 marks	a) b) s)		explain the concept of deadlock. (2 ur different types of system calls an		s. (1	10
3. marks	a) s) b)		our different types of system calls are dynamic memory allocation (2	nd their purpose marks)	s. (1	10
4 marks marks	b)	List ar	state the activities of memory mand briefly describe any two ways of he thrashing? State three causes of t	nandling deadloo	(4 Ck (4 (4 mark	4
5	a) b) (6 ma	State	short note on Translation Lookaside and describe the three memory p		•	thms
6. schedi		4 marl Write i.	short notes on the following techniq Programmed I/O (4 marks	ues for I/O opera	•	ptive