

LAGOS CITY POLYTECHNIC, IKEJA
SCHOOL OF ENGINEERING AND APPLIED SCIENCE

DEPARTMENT OF COMPUTER SCIENCE

2013/2014 FIRST SEMESTER EXAMINATION

COURSE TITLE: OPERATING SYSTEM I	NO OF QUESTIONS : 6
COURSE CODE: COM 311	TIME ALLOWED: 2 HRS
FOR WHOM: HND YR I CS	PT EXAMINER:
NO OF STUDENT: ANY	INSTRUCTIONS: ANSWER FIVE

QUESTIONS.

1. Explain the following terms:
(a) Online processing
(b) Batch processing
(c) Timesharing
(d) Real-time system
(e) Distributed processing
2. Explain operating system roles in the following resources management
(i) Processor management
(ii) Memory management
(iii) Input-output management
3. (a) What is an Operating System?
(b) What are the functions of an Operating System.
4. (a) List the functions of operating system
(b) Explain the following:
(i) Supervisor
(ii) Resident command
(iii) Transient command
(iv) Utility program
5. (a) Distinguish between Timesharing and Network Operating System.
(b) Explain the process states
(c) Explain the process control block
6. (a) Describe the process of Resources Allocations
(b) Why is Memory Management necessary?

