



National Open University Of
14/16 Ahmadu Bello Way, Victoria Island, Lagos.

Nigeria

School Of Science and Technology
October, 2013 Examinations

Course Code: CIT381
Hours.

Time Allowed: 2¹/₂

Course Title: File Processing and Management

Instruction: Answer 4 Questions.
carries 25 marks.

Total mark is 100 and each question

1(a) Write short note on the following

- (i) System Software
- (ii) Application Software
- (iii) Random Access
each)

(5 marks

(b) List and explain five (5) uses of the Internet

(10 marks)

2(a) Write a short note on each of the following:

- (i) A File
- (ii) A Record
- (iii) A Field
each)

(3 marks

(b) Mention and explain any three types of file you know

(10 marks)

(c) List three (3) File Organization Criteria (6 marks)

3(a) Write short note on each of the following

- (i) Biometrics
- (ii) User Authentication
- (iii) Data Corruption
each)

(4 marks

(b) List any three (3) causes of data loss

(9 marks)

(c) Mention any two levels of security measures in system protection
(4 marks)

4(a) Explain what you understand by "a path name"
(7 marks)

(b) List two (2) types of pathname

(8 marks)

(c) Write briefly on the five types of operation that can be performed on a file.(10 marks)

5(a) What are backups? List two types of backups?

(7 marks)

(b) Write short note on each of the following:

- (i) Data Validation
- (ii) Data Dictionary
- (iii) Denial of Service

(4 marks each)

(c) List three implementation of file protection

(6 marks)

6(a) Explain a sorting algorithm to a lay man?
marks)

(6

(b) List any five different sorting techniques.

(10 marks)

(c) Mention three Objectives of File Management System

(9 marks)