

LAGOS CITY POLYTECHNIC, IKEJA
SCHOOL OF ENGINEERING AND APPLIED SCIENCE
DEPARTMENT OF COMPUTER SCIENCE
2016/2017 FIRST SEMESTER EXAMINATION

COURSE TITLE: FILE ORGANIZATION	NO OF QUESTIONS : 6
COURSE CODE: COM 214	TIME ALLOWED: 2 HRS
FOR WHOM: ND II CS	INSTRUCTIONS:
ANSWER ANY	

FOUR QUESTIONS

1. (a) Describe the logical components of a file
 (b) How can you distinguish one file from another?
 (c) What do you understand by file attributes?
 (d) Describe in details the attributes a file can possess

2. (a) What is the relationship and difference between file organization and access methods?
 (b) Identify the criteria necessary to consider when selecting a file organization.
 (c) Discuss in details the index sequential file organization method.

3. (a) Highlight the differences between serial file organization and sequential file organization
 (b) Discuss in details the index file organizational method stating its merits and demerits.
 (c) In your own opinion, what file organization do you consider the best method. State your reasons

4. (a) Give a brief summary of the objectives of file management systems
 (b) Give 5 examples of devices controlled by device drivers
 (c) What are the different functions performed by file management system
 (d) List the operations supported by file management system

5. (a) What is the importance of maintaining a file directory. Describe the information element of a file directory
 (b) With the aid of diagrams, describe the structure of file directory
 (c) What is a path name? Differentiate between a relative pathname and an absolute path name

6. (a) Identify the operations you can perform on a file.
 (b) What are the different groups of people access can be granted to?
 (c) To protect our systems and files, there are certain security measures that must be carried out. List them
 (d) What is intrusion and how can it be detected?