



NATIONAL OPEN UNIVERSITY

OF NIGERIA

University Village, Plot 91, Cadastral Zone,
Nnamdi Azikiwe Expressway, Jabi, Abuja

FACULTY OF SCIENCE

Course Code: CIT 841

Time: 2 hrs

Course Title: Advanced Information Storage and Retrieval

Course Credit Unit: 2

Instruction: Answer Question 1 (25 marks) and any other three (15 marks each)

- 1(a) State the division of information according to its content (3 marks)
- 1(b) Describe four major steps available in the information life cycle (8 marks)
- 1(c) Define Information retrieval (4 marks)
- 1(d) Describe organisation of digital information (4 marks)
- 1(e) List the basic features of digital information (6 marks)
- 2(a). Define the term 'Metadata' (5 marks)
- 2(b). Describes the three types of Metadata (6 marks)
- 2(c) State the reasons for creating Metadata (4 marks)
- 3(a). Define the concept of Search Engine (5 marks)
- 3(b) What are the three major components of a search engine? (6 marks)
- 3(c) Explain briefly the World Wide Wide (4 marks)
- 4(a) Define Information Organization (5 marks)
- 4(b) State the objectives of information organization (4 marks)
- 4(c) List the standards for effective information organisation and storage (6 marks)
- 5(a) Define the following terms
 - (i) Query (2 marks)
 - (ii) Query formulation (2 marks)
- 5(b) List three main factors that affect query formulation (3 marks):

- 5(c) List eight (8) components of Retrieval Model (8 marks)
- 6(a) List three (3) methods to specify user profiles (6 marks)
- 6(b) List three (3) specific information that are contained in MARC records (3 marks)
- 6(c) List the three (3) expertise that users supposed to possess for effect searches (6 marks)