



NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
MARCH/APRIL 2016 EXAMINATION

SCHOOL OF SCIENCE AND TECHNOLOGY

COURSE CODE: CIT841
COURSE TITLE: ADVANCED INFORMATION STORAGE AND RETRIEVAL

Time Allowed: 2Hours
Instruction: Answer Any Four Questions
Course Unit: 2

- 1a. Explain what is meant by information. 4 marks
- b. With respect to its content, how is information classified? 6 marks
- c. With respect to both content and audience, how is information classified? 3 marks
- d. How is the value of any information determined? 4 ½ marks

- 2a. Define Bibliographic Information. 3 ½ marks
- b. List and briefly discuss the usual information contained in a MARC record. 14 marks

- 3a. What is meant by information organisation? 3 ½ marks
- b. State two objectives of information organisation. 5 marks
- c. List the six standards that must be followed for effective information organisation and storage. 9 marks

- 4a. Explain what is meant by: i) query ii) query formulation 4 ½ marks
- b. List and fully explain three main factors that affect query formulation. 13 marks

- 5a. Describe in detail what a user profile is. 8 marks

- b. Outline three different ways to specify user profiles.
4 ½ marks
 - c. Discuss briefly the need to personalise user profile. 5 marks
- 6a. What is a search engine? 4 marks
- b. Outline the three components of a search engine.
10 ½ marks
 - c. Explain what is meant by World Wide Web.
3 marks