



NATIONAL OPEN UNIVERSITY OF NIGERIA
91 CADASTRAL ZONE NNAMDI AZIKWE EXPRESSWAY JABI, ABUJA
Faculty of Science

TIME: 2½HOURS

COURSE CODE: CIT841

COURSE TITLE: ADVANCE INFORMATION STORAGE AND RETRIEVAL

COURSE CREDIT UNIT: 2

INSTRUCTION: ANSWER ANY FOUR QUESTIONS, each carries 17½ marks

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| 1a. | Briefly define, and list types of Information. | (3marks) |
| 1b. | Discuss any four of the types enlisted above. | (8marks) |
| 1c. | what are the determinant of information | (4 ½ marks) |
| 1d. | why do user find it difficult to run Boolean queries? | (2marks) |
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| 2a. | Mention three main factors that affects query formation | (3marks) |
| 2b. | Explain the factors enlisted above in brief | (10marks) |
| 2c. | Briefly define the following terms; | |
| i. | Query | (2marks) |
| ii. | Query Formation | (2½marks) |
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| 3a. | List and explain three different ways to specify user profile | (6marks) |
| 3b. | Describe on information retrieval | (5 ½ marks) |
| 3c. | Enumerate six (6) steps in retrieval process | (6marks) |
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| 4a. | The Framework of Guidance for Building Good Digital Collections articulates six principles applying to metadata, state them. | (6marks) |
| 4b. | Discuss metadata and its associated categories in detail | (11½ marks) |

- 5a. Explain briefly how bibliographic information can be organized (5¹/₂ marks)
- 5b. Describe the objectives of information organization (10 marks)
- 5c. the Boolean information retrieval model is an approach based on _____ and _____ set theory. (2marks)
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- 6a. Describe the following information retrieval terms
- i. WWW (3marks)
 - ii. Search Engine (4marks)
- 6b. List the components of search engines (3marks)
- 6c. write briefly on the components listed in 6b. (7¹/₂ marks)