

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY
FACULTY OF COMMUNICATION AND INFORMATION SCIENCE
DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE
BACHELOR OF SCIENCE (HONOURS) DEGREE IN LIBRARY
AND INFORMATION SCIENCE

PART I SECOND SEMESTER MAY 2012 EXAMINATIONS

**ILI 1206: COMPUTERISED DOCUMENTATION SYSTEMS/INFORMATION
SYSTEMS FOR INFORMATION SERVICES (CDS/ISIS)**

TIME: 3 HOURS

Instructions to candidates

1. Answer any four questions.
 2. Give equal time to each question.
 3. Each question carries 25 marks.
 4. Importance is attached to accuracy, clarity and legible handwriting.
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1. Identify and discuss any five (5) search criteria that are recognized by CDS/ISIS. [25 marks]
2. Discuss the merits and demerits of using open source software such as CDS/ISIS in information centres. [25 marks]
3. Illustrate the Boolean Logic and explain below each diagram, the appropriateness of each operator in a bid to fulfill a particular information request. [25 marks]
- 4.1 Cataloguing and data entry facilitate information storage and retrieval, without which documents could be irretrievably lost. Explain the purpose of a Field Definition Table (FDT) and describe the key parameters that make-up this work sheet. [8 marks]
- 4.2 In the form of a table, list any twelve (12) fields for a Periodical Articles Database and show their data types. Give reasons why you settled for a particular data type in each instance. [12 marks]
- 4.3 Explain the process of updating and creating a back- up for your Master File. [5 marks]
5. Compare and contrast CDS/ISIS to either Millennium or MS Access software package.
6. Explain the following:
 - 6.1 Repeatable Field [5 marks]
 - 6.2 Subfielded Field [5 marks]
 - 6.3 Menu [5 marks]
 - 6.4 Inverted File [5 marks]
 - 6.5 ANY Term [5 marks]

END OF PAPER