

**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 JULY 2012 SUPPLEMENTARY EXAMINATIONS**

**ILI 1206: COMPUTERISED DOCUMENTATION SYSTEMS/INTEGRATED  
SET FOR INFORMATION SERVICES**

**TIME: 3 HOURS**

**Instructions to candidates**

1. Answer any four (4) questions.
  2. Each complete question carries 25 marks.
  3. Give equal time to each question.
  4. Importance is attached to accuracy, clarity and legible handwriting.
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1. Discuss the major strengths and weaknesses of the CDS/ISIS version that you were using for your practical lectures. [25 marks]
2. Give a detailed description of all the stages that one has to go through in creating a database using CDS/ISIS software. [25 marks]
- 3.1 Discuss the major capabilities of CDS/ISIS [15 marks]
- 3.2 Explain the following:
  - 3.2.1 Hit List [2 marks]
  - 3.2.2 Record [2 marks]
  - 3.2.3 Alphanumeric Field [2 marks]
  - 3.2.4 Field Select Table [2 marks]
  - 3.2.5 ANY File [2 marks]
4. Describe the stages that are involved in developing an effective search strategy in any information retrieval system. [25 marks]
5. In the form of a table, list any 10 fields for a monographs database and provide help messages for data entry that are adapted from the Anglo American Cataloguing Rules for each one of them. Put more emphasis on the data types for each field and also stipulate your unique identifier. [25 marks]
6. Discuss the trends in modern software development and application issues. [25 marks]

***END OF PAPER***