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 AUGUST 2010
SUPPLEMENTARY EXAMINATIONS

ILI 1203: INFORMATION RETRIEVAL SYSTEMS

TIME: 3 HOURS

INSTRUCTION TO CANDIDATES
1. Answer any <u>four</u> (4) questions.
2. Each question carries 25 marks.
3. Give equal time to all questions you choose.
4. Importance is attached to accuracy, clarity and legible handwriting.

1(i) Discuss the functions of Information Retrieval Systems (IRS).   (16 marks)

1(ii) Describe, with the aid of a diagram, the process of information retrieval (IR).   (9 marks)

2(i) Define the term database.   (2 marks)

2(ii) Compare and contrast traditional databases and modern databases.   (12 marks)

2(iii) Assess the elements that are required to run a database.   (11 marks)

3.   Discuss the evaluation criteria for Information Retrieval Systems.   (25 marks)

4(i) Compare and contrast controlled and natural languages.   (20 marks)

4(ii) Explain the uses of indexes.   (5 marks)

5(i) Evaluate the basic attributes of an abstract.   (7 marks)

5(ii) Explain the reasons that make it difficult to compile a 'good' abstract.   (18 marks)

6.   The Internet has had both a negative and positive impact on information retrieval. Discuss.
                                                                                    (25 marks)

END