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 2011 EXAMINATIONS

ILI 1204: APPLICATION OF INFORMATION TECHNOLOGY TOOLS
IN LIBRARIES AND ARCHIVES

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 each question.
4. Importance is attached to accuracy, clarity and legibility of handwriting.

1.1 Discuss the challenges associated with the use of the following Internet tools in information centres:
    1.1.1   F TP   (3 marks)
    1.1.2   Facebook   (3 marks)
    1.1.3   Twitter   (3 marks)
    1.1.4   My space   (3 marks)
    1.1.5   Telnet   (3 marks)

1.2 Discuss the impact of any two other similar tools. (10 marks)

2. The management of your organization is deciding to use wireless connection. One of the reasons the organization is citing is "that's the in thing, every information centre these days is on wireless connection." You have been called upon to present a paper which management will use to finalise on the type of connection to use. Draft such a paper. (25 marks)

3. As an information professional, critique the notion of doing business on the Internet.
    (25 marks)

4.1 With reference to any four browsers that you have used, analyse the impact of browser wars on the Internet. (15 marks)

4.2 With the aid of three examples, explain the following terms:
    4.2.1   URL   (3 marks)
    4.2.2   Domain   (3 marks)
    4.2.3   Top level domain   (2 marks)
    4.2.4   Second level domain   (2 marks)

5. Discuss security threats faced by an information system that uses the Internet for most of its activities. (25 marks)

6. Explain how you could design a website using the following tools:
6.1 HTML   (5 marks)
6.2 Front page or Dreamweaver   (5 marks)

6.3 Discuss important factors to consider when designing a website.   (15 marks)

END OF PAPER