

**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 II JUNE 2010 EXAMINATION**

ILI 2205: DESIGN AND REALISATION OF INTERNET INFORMATION IN  
LIBRARIES AND ARCHIVES

TIME: 3 HOURS

**Instruction to candidates**

1. Answer any four (4) questions.
  2. Each 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. You are working in a public library and have been requested to design a website for the institution. Discuss the major aspects that you consider important in developing the website.
2. Identify two (2) different types of web browsers and evaluate their general capabilities.
3. Evaluate the types of link switching techniques that are most suitable for a university library OR archive.
4. Assess, critically, how the Internet has made an impact on an organisation of your choice.
5. Explain what you understand of each of the terms list below:
  - i. Networks (5 marks)
  - ii. Telecommunication standard (5 marks)
  - iii. Client/server computing (5 marks)
  - iv. Hypertext & Hyper media (5 marks)
  - v. Listserv (5 marks)
6. Discuss the functions of each of the layers of the OSI model listed below:
  - i. Application (5 marks)
  - ii. Session (5 marks)
  - iii. Transport (5 marks)
  - iv. Network (5 marks)
  - v. Data link (5 marks)

**END**