

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 SECOND SEMESTER AUGUST 2011 SUPPLEMENTARY EXAMINATIONS

**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 legibility of handwriting.
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1. Critique the use of Web 2.0 and social media applications by information centres. (25 marks)
2. Compare and contrast physical and logical connections to the Internet. (25 marks)
3. Discuss the benchmarks to be considered when purchasing browser software. (25 marks)
4. Describe the steps and specifications that you would take when configuring the physical connections of an information centre of your choice. (25 marks)
5. Describe the following Web 2.0 tools, highlighting their strengths and weaknesses:
 - 5.1 VoIP (5 marks)
 - 5.2 WIKIS (5 marks)
 - 5.3 Blogs (5 marks)
 - 5.4 Bookmarking (5 marks)
 - 5.5 Mashups (5 marks)
6. Discuss the meaning of the following terms in networking.
 - 6.1 Broadband transmission (5 marks)
 - 6.2 Baseband transmission (5 marks)
 - 6.3 Circuit switching (5 marks)
 - 6.4 Message switching (5 marks)
 - 6.5 Packet switching (5 marks)
7. Discuss the salient features of a home page of an information centre. (25 marks)

END OF PAPER