

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

TIME: 3 HOURS

Instructions to candidates

1. Answer any four (4) questions.
 2. Each question carries 25 marks.
 3. Give equal time to all questions.
 4. Importance is attached to accuracy, clarity and legibility of handwriting.
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1. You have been tasked with the development of a website for the Faculty of Communication and Information Science at NUST. The Faculty has four departments: Records and Archives Management, Library and Information Science, Journalism and Media Studies, Publishing Studies. The home page should have the following:

- The dean's picture, which links to the dean's profile,
- A background which relates to the faculty colours,
- The courses offered should be in a dropdown menu,
- The home page should have a table with links to the following pages:
 - About us
 - Faculty staff
 - Entry requirements
 - Online registration form
 - Chat facility

1.1 Give the HTML tags for such a home page. [15 marks]

1.2 Explain why the Faculty would want to have a website. [4 marks]

1.3 Assess the factors that you should put into consideration to design a successful website. [6 marks]

- 2.1 Explain, with examples, what you understand by the following terms:
- 2.1.1 Browser [3 marks]
 - 2.1.2 URL [3 marks]
- 2.2 Using any two of the URL examples that you mentioned in 2.1.2, discuss the components of a URL [9 marks]
- 2.3 Assess the impact of browser wars to the Information profession. [10 marks]
3. Discuss the use of each of the following information technology tools in an information centre of your choice:
- 3.1 LinkedIn [3 marks]
 - 3.2 Bluetooth [3 marks]
 - 3.3 FTP [3 marks]
 - 3.4 Facebook [3 marks]
 - 3.5 Twitter [3 marks]
 - 3.6 Youtube [3 marks]
 - 3.7 Text based search tools [7 marks]
4. As an information manager, assess the security threats to your online information system and the measures you would put in place to safe-guard your information system. [25 marks]
- 5.1 Discuss challenges associated with the following Internet connection types:
- 5.1.1 Dial up [5 marks]
 - 5.1.2 Wireless [5 marks]
 - 5.1.3 ASDL [5 marks]
- 5.2 Which type of connection would best suite an information centre situated in a remote area in Zimbabwe? Justify your answer. [10 marks]
6. Critically evaluate the acceptable uses and customs on the Internet. [25 marks]

END OF PAPER