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

DESIGN AND REALIZATION OF INTERNET INFORMATION

ILI 2205

Supplementary Examination Paper

July 2016

This examination paper consists of 2 pages

Time Allowed: 3 hours

Total Marks: 100

Special Requirements: None

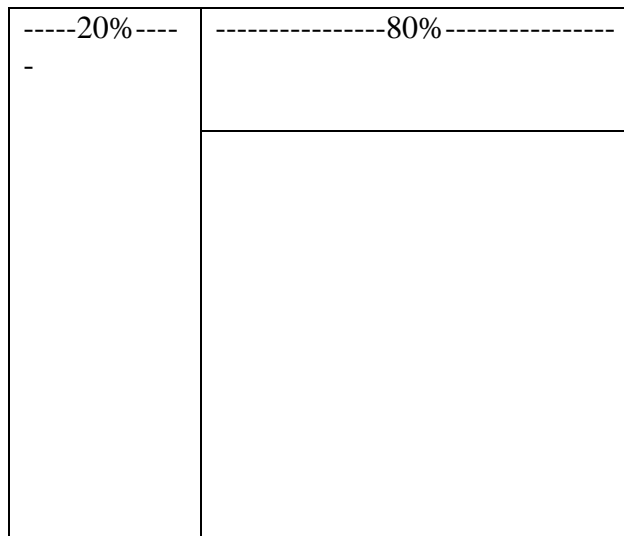**Examiner's Name:** Mr. E. Mupaikwa

INSTRUCTIONS

1. **Question number 1 in Section A is compulsory**
2. Answer any three (3) questions from Section B
3. Give equal time to each question you choose
4. Each question carries 25 marks
5. Importance is attached to accuracy, clarity of expression and legible handwriting

MARK ALLOCATION

QUESTION	MARKS
1.	25
2.	25
3.	25
4.	25
5.	25
6.	25
TOTAL	

SECTION A

1.1 Write an HTML code to produce the frame structure below:

```
+-----------------+--------------------------------+
| -----20%----    | ----------------80%----------------|
| -               |                                |
|                 +--------------------------------+
|                 |                                |
|                 |                                |
|                 |                                |
|                 |                                |
|                 |                                |
|                 |                                |
|                 |                                |
+-----------------+--------------------------------+
```

[10 marks]

1.2 With the aid of examples explain the use of the following HTML tags

1.2.1	\<sup\>	[3 marks]
1.2.2	\<script\>	[3 marks]
1.2.3	\<a\>	[3 marks]
1.2.4	\<frameset\>	[3 marks]
1.2.5	\<td\>	[3 marks]

SECTION B

2. Give a critical analysis of benefits and challenges faced by information centres in their use of the internet. [25 marks]

3. Both the TCP and the UDP are transport layer protocols. Compare and contrast the operations of these two protocols. [25 marks]

4. Discuss with examples, how websites are marketed in order to attract viewership. [25 marks]

5. In deciding whether to connect to the internet factors related to hardware, software and infrastructure must be considered. Discuss requirements for connecting to the internet. [25 marks]

6. Discuss different Internet and Web services that have been found to be useful in the library. [25 marks]