



NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

FACULTY OF COMMUNICATION AND INFORMATION SCIENCE

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

POSTGRADUATE DIPLOMA IN LIBRARY AND INFORMATION SCIENCE

APPLICATION OF INFORMATION TECHNOLOGY TOOLS IN INFORMATION CENTRES

PDL 5307

Part I second semester Examination Paper

April 2017

This examination paper consists of 2 pages

Time Allowed: 3 hours

Total Marks: 100

Special Requirements: None

Examiner's Name: Mr. E. Mackina

INSTRUCTIONS

1. Answer any four (4) questions.
2. Give equal time to all questions you choose.
3. Each question carries 25 marks.
4. Importance is attached to clear presentation of ideas, good expression and legibility of handwriting.

MARK ALLOCATION

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

1. Describe the following terms in the context of application of information technology tools in information centres:
 - 1.1 TCP/IP [9 marks]
 - 1.2 VOIP [8 marks]
 - 1.3 URLs [8 marks]

2. Compare and contrast two (2) search engines of your choice indicating where they are best suitable in information centres. [25 marks]

3. Expand on five (5) issues you would consider when choosing internet services and connectivity [25 marks]

4. Craft solutions to 3 security issues found in the use of information and communication technologies in information centres. [25 marks]

5. The cases of Edward Snowden and Julian Assange's Wikileaks have resulted in information managers reflecting on acceptable uses and customs of the Internet. What measures can be put in place to curb negative use of the Internet? [25 marks]

6. Provide two (2) case studies, showing how libraries world over are participating in attaining the United Nations' Sustainable Development Goals target of 2030. [25 marks]