



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

INTRODUCTION TO INFORMATION TECHNOLOGY

ILI 1103

First Semester Examination Paper

November 2016

This examination paper consists of 2 pages

Time Allowed: 3 hours
Total Marks: 100
Special Requirements: None
Examiner's Name: Mrs A. R. Nyaku

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. Assess the impact of information communication technology to information professionals within your profession. [25 marks]

- 2.1 Evaluate the following operating system software

 - 2.1.1 Android [4 marks]
 - 2.1.2 Linux [4 marks]
 - 2.1.3 Windows [4 marks]

- 2.2 Discuss the functions of an operating system [13marks]

3. Examine threats associated with data in an information organization of your choice, how can these threats be managed. [25 marks]

4. Distinguish between the following types of computer memory

 - 4.1.1 Cache memory and virtual memory [5 marks]
 - 4.1.2 DRAM and SRAM [5 marks]

- 4.2 With the aid of two (2) examples each, discuss the following types of input /output devices.

 - 4.2.1 Mouse [5 marks]
 - 4.2.2 Video input device [5 marks]
 - 4.2.3 Printer [5 marks]

5. Critique the adoption networked computer systems by the information industry in Zimbabwe. [25 marks]

6. Assess the features of DTP, Databases and spread sheets useful in the information science profession. [25 marks]