

**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 FIRST SEMESTER JULY 2013 SUPPLEMENTARY EXAMINATIONS**

**ILI 1103: INTRODUCTION TO INFORMATION TECHNOLOGY**

**TIME: 3 HOURS**

**Instructions to candidates**

1. Answer any four (4) questions.
  2. Each question carries 25 marks.
  3. Importance is attached to accuracy, clarity of expression and legibility of handwriting.
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1. Explain how information technology has transformed our way of life. [25 Marks]
2. Describe the different types of computer systems that you know well, and, identify with justification a system type that suits the computing needs of mobile users such as those on outreach or field surveys. [25 Marks]
- 3.1 Define a computer system. [5 Marks]
- 3.2 Explain, using examples, what you understand by the following terms:
  - 3.2.1 Input devices [4 Marks]
  - 3.2.2 Output devices [4 Marks]
  - 3.2.3 Peripheral devices [4 Marks]
  - 3.2.4 Hardware [4 Marks]
  - 3.2.5 Software [4 Marks]
4. Size can be used as a classification parameter to categorise computers, however with advancement of technology and advent of new small and powerful brands of computers, the validity of the parameter is challenged. Discuss. [25 Marks]
- 5.1 What is an application software? [5 Marks]
- 5.2 Which application software(s) will you consider more useful to you as an information practitioner and why? [20 Marks]

6.1 Explain different types of storage media used for backups. [10 Marks]

6.2 What measures will you take to prevent your PC from attacks? [15 Marks]

***END OF PAPER***