

**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**FACULTY OF COMMUNICATION AND INFORMATION SCIENCE  
DEPARTMENT OF JOURNALISM AND MEDIA STUDIES  
INTRODUCTION TO INFORMATION TECHNOLOGY: (IJM 1105)  
AUGUST 2004 SUPPLEMENTARY EXAMINATION  
TIME ALLOWED: 3 HOURS**

**INSTRUCTIONS TO CANDIDATES**

- [i] Answer **Four** questions.
- [ii] Section I is **compulsory** and please answer any other **three** questions.
- [iii] Start each answer on a new page.

**SECTION ONE (COMPULSAORY)**

1. (a) What are the differences between a stand-alone microcomputer and those that are networked? **[15 marks]**
  
- (b) What is computer hardware? **[5marks]**
  
- (c) Describe what is meant by computer software and give an example of each of the Following:
  - (i) Web browser software
  - (ii) Email software
  - (iii) MP3 file software. **[15 marks]**
  
- (d) What is a computer operating system? **[5 marks]**

**SECTION TWO (ANSWER THREE QUESTIONS)**

2. The computer is an extension of the human mind. Discuss. **[20 marks]**
  
3. How important are computers to journalists and modern media practitioners? **[20 marks]**

4. (a) Computers are becoming smaller and serving every need in society from military to home use. Discuss the major causes in this development  
**[15 marks]**
- (b) What should you do in order to avoid losing documents on the computer as you work?  
**[5 marks]**
5. (a) Describe what is meant by a database and why newsrooms need one nowadays? Give examples of 3 database softwares.  
**[15 marks]**
- (b) Define a spreadsheet giving applications where they may be used.  
**[5 marks]**
6. (a) The Internet will make the present journalist as we know obsolete. Discuss.  
**[20 marks]**