

**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**FACULTY OF COMMUNICATION AND INFORMATION SCIENCE  
DEPARTMENT OF JOURNALISM AND MEDIA STUDIES  
INTRODUCTION TO INFORMATION TECHNOLOGY: (IJM 1105)  
JULY 2006 SUPPLEMENTARY EXAMINATION  
TIME ALLOWED: 3 HOURS**

**INSTRUCTIONS TO CANDIDATES**

1. Section A is **compulsory**.
2. Answer **any three** questions from section B.
3. Start each answer on a new page.

**SECTION A: COMPULSORY**

**Question 1**

- (a) What are the differences between a stand-alone microcomputer and those that are networked? **[12 marks]**
- (b) What are the main components of a software package that an ISP will provide you to connect to the internet and explain their major functions **[20marks]**
- (c) Describe what is meant by computer software and give an example of each of the following:
  - i) Web browser software
  - ii) MP3 file software. **[8 marks]**

**SECTION B: ANSWER ANY THREE QUESTIONS**

**Question 2**

What evident computer capabilities can be compared to the human mind? **[20 marks]**

**Question 3**

How has information technology affected journalists and modern media practitioners in Zimbabwe? **[20 marks]**

**Question 4**

Define the following terms giving examples

- i) Antivirus [ 4 marks]
- ii) Newsgroup [ 4 marks]
- iii) Internet Protocol [ 4 marks]
- iv) LCD [ 4 marks]
- v) URL [ 4 marks]

**TOTAL: [20 marks]**

**Question 5**

- a) What is the importance of using Headers and Footnotes [ 4 marks]
- b) What is the difference between a Design Template and Auto Content Wizard [ 4 marks]
- c) What are the fundamental functions of a CPU [ 4 marks]
- d) What were the major characteristics of the first computer the ENIAC [ 8 marks]

**TOTAL: [20 marks]**

**Question 6**

Explain each of the following internet tools and capabilities

- i) Telnet [ 4 marks]
- ii) F.T.P [ 4 marks]
- iii) Veronica [ 4 marks]
- iv) Archie [ 4 marks]
- v) E-mail [ 4 marks]

**TOTAL: [20 marks]**