

**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**FACULTY OF COMMUNICATION AND INFORMATION SCIENCE**

**DEPARTMENT OF JOURNALISM AND MEDIA STUDIES**

**ADVANCED INFORMATION TECHNOLOGY (IJM 1206)**

**MAY 2004 EXAMINATIONS  
TIME ALLOWED: 3 HOURS.**

**INSTRUCTIONS TO CANDIDATES**

- (i) Section A is **compulsory**.
- (ii) Answer any **three** questions in Section B.
- (iii) Poor spelling and grammar will be penalised.

**SECTION A: COMPULSORY**

**Question 1**

- a) What are two main parts of an HTML web page? [ 4 marks]
- b) Write an HTML code that displays the following table on a web page.

**Journalism and Media Studies Staff**

Mr S. Matenda	Ms R. Loewenstern
Mr H. Mabwezara	Mr B. Mhlanga
Mr V. Maphosa	Mrs S. Makgatho

- c) What do these indicate in HTML: [20 marks]
  - i) <P> [ 1 mark ]
  - ii) <I> [ 1 mark ]
  - iii) <IMG SRC> [ 1 mark ]
  - iv) <MARQUEE> [ 1 mark ]
  - v) <OL> [ 1 mark ]
  - vi) <LI> [ 1 mark ]
- d) What are the benefits of using MS-front page over HTML. [10 marks]

**TOTAL: [30 marks]**

## **SECTION B: ANSWER THREE QUESTIONS**

### **Question 2**

Using specific examples from the newspapers you have studied, describe the three major principles of newspaper design.

[20 marks]

### **Question 3**

“The static approach in newspaper design is the best design technique for a newspaper that need to retain its identity.” Discuss.

[20 marks]

### **Question 4**

A local food relief organisation has asked you to design a web-site for them. What key features would you include on that web-site? In your answer pay attention to both visual and information aspects.

[20 marks]

### **Question 5**

Select either Ms Publisher or Pagemaker

a) And describe the key features of this desktop publisher package.

[15 marks]

b) In your opinion what are the advantages and disadvantages of this software package when compared to other packages.

[ 5 marks]

**TOTAL: [20 marks]**

### **Question 6**

a) i) Define the internet.

[ 4 marks]

ii) Discuss any two of the following internet services WWW, Newsnet, FTP and Gopher.

[ 6 marks]

b) i) What are the two major email protocols and explain one in detail.

[ 6 marks]

ii) What is a search engine and give two examples excluding google, yahoo,MSN and altavista.

[ 4 marks]

**TOTAL: [20 marks]**