

# **INTERNATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**FACULTY OF COMMERCE AND INFORMATION SCIENCE  
DEPARTMENT OF JOURNALISM AND MEDIA STUDIES  
ADVANCED INFORMATION TECHNOLOGY (IJM 1206)  
JULY 2006 SUPPLEMENTARY EXAMINATION  
TIME ALLOWED: 3 HOURS**

## **INSTRUCTIONS TO CANDIDATES**

1. Section A is **compulsory**.
2. Answer **any three** questions in section B.
3. Start each answer on a new page.
4. Poor spelling and grammar will be penalised.

## **SECTION A: COMPULSORY**

### **Question 1**

- a) i) What are two main parts of an HTML web page [ 4 marks]  
ii) Define a URL and give an example. Explain the difference between a domain name and high level domain. [ 5 marks]
- b) i) Write a JavaScript to display today's date [ 6 marks]  
ii) Write HTML code to produce the following table with URL links. [10 marks]

GOOGLE	ANANZI
NEW ZIMBABWE	ZIMONLINE

- c) Define the following HTML tags.
- i) <TITLE>.....</TITLE> [ 2 marks]  
ii) BGCOLOR [ 2 marks]  
iii) <MARQUEE>..... </MARQUEE> [ 2 marks]  
iv) <SCRIPT>.....</SCRIPT> [ 2 marks]  
v) <IMG>.....</IMG> [ 2 marks]
- d) What are the advantages of using FrontPage over HTML [ 5 marks]

**TOTAL: [40 marks]**

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

### **Question 2**

The Zimbabwe Football Association has requested you to design their website. What are the major design factors you will take into account when designing the website.

**[20 marks]**

**Question 3**

Discuss the extent to which Information and Communication Technologies (ICTs) have enhanced the provision and production of news in Africa? [20 marks]

**Question 4**

Discuss the contributions of the internet to globalisation. [20 marks]

**Question 5**

- a) i) Define satellite communication. [ 3 marks]
  - ii) What is the impact of this technology on a war correspondent [ 7 marks]
  
  - b) Define the following database concepts
  - i) Foreign Key [ 2 marks]
  - ii) Tuple [ 2 marks]
  - iii) File [ 2 marks]
  - iv) Data type [ 2 marks]
  - v) Record [ 2 marks]
- TOTAL: [20 marks]**

**Question 6**

Select either Ms Publisher or Pagemaker and

- a) Describe the key features of this desktop publisher package. [10 marks]
  
  - b) In your opinion what are the advantages and disadvantages of this software package when compared to other packages. [10 marks]
- TOTAL: [20 marks]**