NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

FACULTY OF COMMUNICATION AND INFORMATION SCIENCE
DEPARTMENT OF JOURNALISM AND MEDIA STUDIES
ADVANCED INFORMATION TECHNOLOGY: (IJM 1206)
JULY 2005 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)   Describe how information technologies have improved the following:

    i)   Newsgathering.   **[10 marks]**
    ii) Production.   **[10 marks]**
    iii) Dissemination of news   **[10 marks]**

b)   In your opinion what effect do these technologies have on developing countries such as Zimbabwe.   **[10 marks]**
          TOTAL: **[40 marks]**

SECTION B: ANSWER THREE QUESTIONS

Question 2

With reference to at least three web-sites you have studied, describe some key features of a good web-site.

[20 marks]

Question 3

What strategies need to be put in place, so that Africa is not left out of the current information revolution?

[20 marks]

Question 4

What is desktop publishing? Using specific examples, describe the value of desktop publishing as a communication tool.

[20 marks]

Question 5

a)   Define the following terms:
       i)   HTTP   **[3 marks]**
       ii)   FTP   **[3 marks]**
       iii) POP   **[2 marks]**

b)   What do the following HTML tags represent
       i)   <A HREF>   **[2 marks]**
       ii)   <P>   **[2 marks]**
       iii) <IMG SRC>   **[2 marks]**
       iv) <BGCOLOR>   **[2 marks]**

c)   What is the difference between a form and a table in ACCESS?

                                                             [2 marks]

d)   What are the animation effects that can be performed on a power point slide?
                                                            [2 marks]
                                                   TOTAL: [20 marks]

Question 6

a)   What is e-mail?   **[4 marks]**
b)   What is an e-mail protocol giving four examples?   **[8 marks]**
c)   What is the effect of e-mail over conventional postal services?

                                                             [8 marks]
                                                     TOTAL: [20 marks]

END OF PAPER