

**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**FACULTY OF COMMUNICATION AND INFORMATION SCIENCE**  
**DEPARTMENT OF JOURNALISM AND MEDIA STUDIES**  
**ADVANCED INFORMATION TECHNOLOGY: (IJM 1206)**  
**AUGUST 2012 SUPPLEMENTARY EXAMINATION**  
**TIME ALLOWED: 3 HOURS**

**INSTRUCTIONS TO CANDIDATES**

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

**SECTION A- COMPULSORY**

**Question 1.**

- a) What are the benefits of using WYSIWYG editors over Plain text editors in web page designing? [10 marks]
- b) Write an HTML code that displays the following information on a web page.

**JOURNALISM AND MEDIA STUDIES STAFF**

2. Mr. T. Mpofu
3. Miss N. Nyathi
4. Mr. B.J. Ncube
5. Mr. B. Jona
6. Mrs. S. Mpofu
7. Mr. M. Mpofu
8. Mr. C. Kwela

[20 marks]

- c) Write down the html tags to link or add the following:

- i. [journalism@nust.ac.zw](mailto:journalism@nust.ac.zw)
- ii. Homepage.html
- iii. Nustlogo.GIF

[6 marks]

- d) What do the following tags indicate in HTML.

- i. <hr>
- ii. <br>
- iii. <bg color>
- iv. <i>

[4 marks]

**TOTAL: [40 marks]**

## SECTION B.

### Question 2

With reference to at least three web-sites you have studied, describe some key features of a good web-site. [20 marks]

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### Question 3

Outline measures that can be put in place to ensure information security in a newsroom.

[20 marks]

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### Question 4

Discuss the impact of information communication technologies (ICTs) on the practice of journalism in your country. Use relevant example from the local media. [ 20 marks]

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### Question 5

- a) Explain the difference between the Internet and the World Wide Web? [4 marks]
- b) Explain the following terms:
- i. URL [4 marks]
  - ii. Network Topology. [2 marks]
  - iii. State and briefly explain any three common network topologies. [10 marks]

**TOTAL: [20 marks]**

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### Question 6

- a) Briefly explain the following:
- i. Search Engine [ 4 marks]
  - ii. Internet protocol [ 4 marks]
  - iii. Weblog [ 4 marks]
  - iv. Podcasting [ 4 marks]
- b) What do the following domain names designate:
- i. .com
  - ii. .net
  - iii. .ac
  - iv. .edu

[4 marks]

**TOTAL: [20 marks]**