



NATIONAL OPEN UNIVERSITY OF NIGERIA
PLOT 91 CADASTRAL ZONE, NNAMDI AZIKWE EXPRESSWAY, JABI, ABUJA
FACULTY OF SCIENCES
DEPARTMENT OF COMPUTER SCIENCE
2021_2 EXAMINATION 45678

COURSE CODE: CIT753

COURSE TITLE: Introduction to the Internet

CREDIT UNITS: 3

TIME ALLOWED: 2½ hours

INSTRUCTION: Answer Question 1 and any four (4) others

QUESTION1 – Compulsory (22 marks)

1. (a)(i) List and expound on the two parts of a Network **(4 marks)**
- (a)(ii) List and describe the five (5) Hardware Components of a Network. **(5 marks)**
- (b)(i) Describe the three (3) parts of software needed to communicate with a network. **(3 marks)**
- (b)(ii) Differentiate between the three types of networks (Local Area Networks (LANs), Metropolitan Area Networks (MANs), and Wide Area Networks (WANs)). **(6 marks)**
- (c) Define the following terms. **(4 marks)**
 - i. **File Transfer Protocol (FTP)**
 - ii. **HyperText Markup Language (HTML)**
 - iii. **HyperText Transfer Protocol (HTTP)**
 - iv. **Protocol**

QUESTION 2

2. (a) Define the terms Internet Lists and Listservs. **(3 marks)**
- (b) Highlight the five (5) main functions of a modem. **(5 marks)**
- (c) Describe the advantages of using IP address over domain names. **(4 marks)**

QUESTION 3

3. (a) Explain the concept of Domain Naming and Registration **(3 marks)**
- (b) List four (4) guides required to improve your search results. **(4 marks)**
- (c) Describe the functions of the following HTML tags. **(5 marks)**
 - i. `<HR>`
 - ii. `
`

iii. <P>

iv.

v. <I>

TOTAL :12MARKS

QUESTION 4

4. (a) State the objectives for the development of the World Wide Web. **(3 marks)**

(b) Define a well-structured Uniform Resource Locator (URL) and explicate the anatomy of the URL. **(5 marks)**

(c) List and describe the two types of browsers. **(4 marks)**

TOTAL :12MARKS

QUESTION 5

5. (ai.) Explain any four (4) of the following Internet Components. **(8 marks)**

- i. World Wide Web
- ii. Telnet
- iii. E-Mail
- iv. E-Mail Discussion Groups
- v. Chat and Instant Messaging
- vi. File Transfer Protocol (FTP)

(b) Distinguish between Usenet News and E-Mail Discussion Groups. **(4 marks)**

TOTAL :12MARKS

QUESTION 6

6. (a) List four (4) Standard E-mail Protocols and state the difference between any two. **(5 marks)**

(b) Enumerate four (4) e-mail privacy encryption protocols. **(4 marks)**

(c) Determine the platforms for these Internet E-Mail Programmes. **(3 marks)**

Programme	Web Address	Platform
Claris E-mailer	http://www.claris.com	i _____
Eudora Pro	http://www.eudora.com	ii _____
Juno	http://www.juno.com	iii _____

TOTAL :12MARKS