



NATIONAL OPEN UNIVERSITY OF NIGERIA

Plot 91, University Village Cadastral Zone, Nnamdi Azikiwe Express Way, Jabi-Abuja.

FACULTY OF SCIENCE AND TECHNOLOGY

Course Title: CIT853 Internet Concepts and Web Design

Credit Unit: 3

Instruction: Answer Question One and Three others

Time: 3hrs

Question One

Q1a). Write short note on the following concepts:

- (i) Web Browser (2marks)
- (ii) Web Server (2marks)
- (iii) Database Server (2marks)

Q1bi Describe the concept of XML and list three (3) benefits (6 marks)

Q1c)) List five (5) file extensions used in Web Design (5marks)

Q1d). Clearly, state the difference between these hardware units: Thin Client and Fat Client (8marks)

Question Two

(2a) Describe in details the origin of the Internet (6 marks)

(2b) Write short note on the following phenomena:

- (i) Hacking
- (ii) Spyware
- (iii) Encryption (2 marks each)

2(c)) Outline three (3) uses of HTML (3marks)

Question Three

Q3a). Identify five (5) vital Web design tools for web site development (5marks)

Q3b) Outline five (5) steps involved in testing Web base Application (5marks)

Q3c) Identify and describe the two types of Web Graphics File (5marks)

Question Four

Q4a) What do you understand by the term container tags. Enumerate five (5) examples (5marks)

Q4b) Mention four text editors and their providers in web application development. (5marks)

Q4b) Briefly explain the importance of Domain name and IP address (5marks)

Question Five

Q5a) Give the full meaning of the following acronyms:

(i) CSS

(ii) IAB

(iii) DARPA

(iv) OSI

(v) FNC (5marks)

Q5b) Explain the term “Dreamweaver” (5 marks)

Q5c) What are the benefits of the OSI model (5marks)

Question Six

Q6a) Mention and explain all the seven layers of OSI model. (7marks)

Q6b) List two types of JavaScript you know and two types of comment in JavaScript (4marks)

Q6c) Discuss the workings of TCP/IP model (4marks)