



NATIONAL OPEN UNIVERSITY OF NIGERIA  
University Village, Plot 91, Cadastral Zone,  
Nnamdi Azikiwe Expressway, Jabi, Abuja  
FACULTY OF SCIENCES  
2022\_2 EXAMINATION

**Course Code:** CIT853 3 Units  
**Course Title:** Internet Concepts and Web Design  
**Time Allowed:** 3 Hours  
**Instruction:** Answer Question 1 and any other three questions.

QUESTION 1

- Differentiate between Web Browser (Client) and Web Server (Middleware). (6 marks)
- Write a short note on the Hypertext Mark-up Language. (4 marks)
- Mention five application areas or uses of HTML. (5 marks)
- State three way by which Web graphics can be obtained (8 marks)
- An XSLT looks at an XML document as a collection of nodes, list five types of these nodes. (5 marks)
- List two types graphics files. (2 marks)

QUESTION 2

- Describe XML. (4 marks)
- State six primary XML Design Goals. (6 marks)
- List three advantages of using desktop or Notebook or tablet PCs to access the Internet. (4 marks)
- Distinguish between the following terms (i) property (ii) method (iii) events. (6 marks)

QUESTION 3

- Differentiate between GIFs and JPEG format. (5 marks)
- Define Object- Oriented Programming. (4 marks)
- Explain any two advantages of objects. (4 marks)
- Define the scripting language. (3 marks)
- How are forms created in HTML? (4 marks)

QUESTION 4

- Describe the concept Internet. (8 mark)
- Discuss any three security protocols that ensure the privacy of e-mails. (6 marks)
- Write short notes on the following terms:
  - CSS. (3 marks)
  - JavaScript. (3 marks)

QUESTION 5

- Write of the HTML format structure of a simple table with a caption, 3 columns and 3 rows. (6 marks)

- b) Distinguish between relative and absolute URL path. (5 marks)
- c) List four factors that led to the general acceptability of the WWW. (4 marks)
- d) Explain the term TCP/IP. (5 marks)