



NATIONAL OPEN UNIVERSITY OF NIGERIA
PLOT 91, CADASTRAL ZONE, NNAMDI AZIKIWE EXPRESSWAY, JABI-ABUJA
FACULTY OF SCIENCES
DEPARTMENT OF COMPUTER SCIENCE
2024 1 EXAMINATION

COURSE CODE : CIT 853
COURSE TITLE : **INTERNET CONCEPTS AND WEB DESIGN**
CREDIT UNIT : 3
TIME ALLOWED : 2½ HOURS
INSTRUCTION : Answer Question 1 and any Three Questions

1

- a) Elaborate on the definition of the Internet. *[4 marks]*
- b) Provide a JavaScript program code that generates the subsequent output *[6 marks]*
- c) In a tabular form, analyze the types of files that are supported by Dreamweaver, stating their extension and usefulness. *[4 marks]*
- d) Define the concept of "Scope of Variable." Determine the scope of the variables in the following code snippet: *[4 marks]*
- e) Differentiate between **For Each..Next** and **Do...Loop** *[4 marks]*
- f) Enumerate any 3 fundamental goals of XML design *[3 marks]*

2

- a) Write short note on Web Services, highlighting various components involved. *[4 marks]*
- b) Enumerate four examples of whitespace characters. *[4 marks]*
- c) Enumerate the purpose of Document Type Definition (DTD) *[4marks]*
- d) Provide a list of child element modifiers used in Document Type Definitions (DTDs) *[3marks]*

3

- a) Present a detailed set of instructions for renaming a basic webpage file using Dreamweaver. *[4marks]*
- b) Explain the significance of routers within a network *[4marks]*
- c) Differentiate between a Thin Client and a Fat Client *[4marks]*
- d) State the steps in Opening Files in Dreamweaver *[3marks]*

4

- a) Analyze the variable declaration methods supported by VBScript *[4marks]*
- b) List the new features introduced in Dreamweaver 8. *[3marks]*
- c) Provide an appropriate description of the workspace in Dreamweaver 8. *[4marks]*
- d) Outline the rules governing Variable Naming in your understanding. *[4marks]*

5

- a) List the constituents of domain names **[3marks]**
- b) What are the differences between Relative and Absolute Unique Resource Locator Path. **[4marks]**
- c) Present the elements of the Extensible Stylesheet Language in a table format, outlining the purpose or functions associated with each individual component. **[4marks]**
- d) Provide a concise description of a web page. **[4marks]**

6

- a) Elaborate on the fundamental idea behind XSLT. **[3marks]**
- b) Create a concise note detailing the explanation of the code provided below **[4marks]**
- c) Enumerate and elucidate the functions executed by Application Layer Protocols. **[4marks]**
- d) List and explain the benefits of XML **[4marks]**

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