



NATIONAL OPEN UNIVERSITY OF NIGERIA

PLOT 91, CADASTRAL ZONE, NNAMDI AZIKIWE EXPRESS WAY, JABI, ABUJA

FACULTY OF SCIENCES

**2023\_2 EXAMINATIONS**

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COURSE CODE: CIT 484

COURSE TITLE: **WEBSITE DESIGN AND PROGRAMMING**

CREDIT: 2 UNITS

TIME ALLOWED: 2HOURS

**INSTRUCTION: ANSWER QUESTION ONE (1) AND ANY OTHER THREE (3)**

1. (a) Enumerate the four most prevalent languages in the internet and indicate the percentage of their prevalence **(4 marks)**.  
(b) State four things you can do with HTML **(4 marks)**  
(c) Write down the html tags that can generate the following as applied to table in html:  
(i) Create Table (ii) Put Table Caption (iii) Insert table header (iv) Table Data (v) Table Row **(5 marks)**  
(d) State four rules in naming variables in Javascript **(4 marks)**  
(e) Explain the concept of scripting languages with two examples **(4 marks)**  
(f) State four procedures of using Notepad as a text editor in webpage design. **(2 marks)**  
(g) Different between opening tags and closing tags with two examples each **(2 marks)**
  
2. (a) State three attributes of a <BODY> tag and describe their usages **(3 marks)**  
(b) Write down html tags that will create 3 equal frames in a web page **(6 marks)**  
(c) List three Web Browsers **(3 marks)**  
(d) Mention three logical markup tags **(3 marks)**
  
3. (a) What role does JavaScript play in the world of web designing **(4 marks)**  
(b) Discuss the object oriented programming paradigm **(4 marks)**  
(c) Briefly discuss the origin of JavaScript **(4 marks)**  
(d) List three examples of search engines you know **(3 marks)**

4. (a) Discuss the two variable scopes in JavaScript (**4 marks**)
- (b) Write syntax to show how you can include JavaScript in your web page (**3 marks**)
- (c) State four examples of assignment operators (**4 marks**)
- (d) Discuss the two most important attributes of a *form* in html (**4 marks**)
5. (a) What is conditional operators? (**3 marks**)
- (b) List six comparison operators and state their meanings (**3 marks**)
- (c) Differentiate between static website and dynamic website (**4 marks**)
- (d) Write a html tags that will generate your state, country and occupation on the screen using three different tags in the body (**5 marks**)

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