



National Open University of Nigeria, University Village, 91 Cadastral
Zone, Nnamdi Azikiwe Express Way, Jabi, Abuja
Faculty of Sciences

CIT 484 Website Design and Programming – (2 Credits)

Answer any four (4) questions in 2¹/₂ Hours.

Total of 70 and each question carries 17¹/₂ marks

1(a) Internet and World Wide Web (WWW) are the same Discuss (4 ¹/₂)

1(b) Write short notes on the following:

- (i) Electronic mail
 - (ii) Web Browsers
 - (iii) Search Engines
- (3 marks each)

1 (c) Set up four Instructions for operating a Web Browser (4 marks)

2 (a) Describe a HTML and outline how it works with the Web (9 marks)

2(b) Explain HTML tags and give examples (4 marks)

2 (c) List any three (3) Web browsers of the Internet.(4¹/₂ marks)

3 (a) Describe the head section of HTML with examples (7 marks)

3(b) Outline any three (3) examples of OOP languages you know. (4¹/₂ marks)

3(c) Describe Hypertext Link and identify its types and uses (6 marks)

4 (a) Describe HTML Unordered List? Create an unordered list with the following items:

My Grocery List

- Carrots
 - Apples
 - Milk
 - Eggs
 - Onions
- (9 marks)

4(b) Explain Modulus in JavaScript with examples (4 marks)

4 (c) Evaluate the following in JavaScript:

(i) If Var X = 8 .
What is X++ ?

(ii) If Var A = 4
And Var B = 5
What is A * B

(iii) If Var R = 5
And Var S = 2
What is T= R %S

(4¹/₂ marks)

5(a) Distinguish between Java and JavaScript (8 marks)

5(b) Outline five (5) types of JavaScript operators (5 marks)

5(c) List any three (3) examples of OOP languages you know. (4¹/₂ mark each)

6(a) Describe Frame in HTML (4 marks)

6(b)Write a short note on each of the following Object Oriented Programming concepts:

- (i) Encapsulation
 - (ii) Inheritance
 - (ii) Polymorphism
- (3 marks each)

6(c) Outline four (4) search engines (4¹/₂ marks)