



NATIONAL OPEN UNIVERSITY

OF NIGERIA

University Village, Plot 91, Cadastral Zone,

Nnamdi Azikiwe Expressway, Jabi, Abuja

FACULTY OF SCIENCE

CIT 484 Website Design and Programming – (2 Credits)

Instruction: Answer Question 1 (25 marks) and any other three (15 marks each) - 2½ Hours.

1(a) Explain the term ‘Scripting’ and list two Scripting programming languages. (9 marks)

1(b) Describe four types of primitive data type (8 marks)

1(c) Define the following terms: (8 marks)

- (i) Browser
- (ii) Web server
- (iii) Client
- (iv) Hyperlinks

2(a) Describe Frame in HTML (3 marks)

2(b) Outline three (3) things you can do with HTML (6 marks)

2(c) Explain the following terms (6 marks)

- (i) Frame in HTML
- (ii) Email
- (iii) Sociology of the Internet

- 3(a) Differentiate between the Internet and the WWW (5 marks)
- 3(b) Outline three types of JavaScript Operators (6 marks)
- 3(c) Define a Loop (4 marks)

- 4(a) Explain three HTML tags and their applications (6 marks)
- 4(b) Define Search Engines and list three Search engines (6 marks)
- 4(c) Enumerate three examples of OOP languages (3 marks)

- 5(a) Explain the term 'HTML' and identify its two features (5 marks)
- 5(b) Describe the head section of HTML (4 marks)
- 5(c) Discuss the following terms: (6 marks)
 - (i) Markup Languages
 - (ii) Physical Markup tags (with at least two examples)
 - (iii) Logical Markup tags (with at least two examples)

- 6(a) Distinguish between JavaScript and Java (5 marks)
- 6(b) List four search engines that you know (4 marks)
- 6(c) Explain briefly three applications of Internet (6 marks)