



NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
MARCH/APRIL 2016 EXAMINATION

SCHOOL OF SCIENCE AND TECHNOLOGY

COURSE CODE: CIT484
COURSE TITLE: Website Design and Programming – (2 Credits)

Answer any four (4) questions in 2½ Hours.
Total of 70 and each questions carries 17½ marks

1(a) What is the full meaning of the following acronyms?

- (i) HTTP
- (ii) GIGO
- (iii) URL
- (iv) WYSIWYG
- (v) W3C
- (vi) TMA
- (vii) DNS
- (viii) ASCII
- (ix) GUI

(1mark each)

1(b) Outline four (4) types of JavaScript operators and describe how they are used(4 marks)

1(c) List four (4) search engines that you know (4 ½ marks)

2(a) Differentiate between the Internet and the WWW (8 marks)

2(b) Describe the head section of HTML (5 marks)

2(c) List any three (3) examples of OOP languages that you know. (4½ mark each)

3(a) Define the following terms:

- (i) Server
- (ii) Client
- (iii) Browser
- (iv) Hyperlinks

(2 marks each)

3(b) List and explain any three (3) uses of the Internet (5 marks)

3(c) Differentiate between JavaScript and Java (at least 3) ($4\frac{1}{2}$ marks)

4(a) Describe Frame in HTML (5 marks)

4(b) Mention four (4) features of HTML (8 marks)

4(c) List any three (3) Web browsers of the Internet. ($4\frac{1}{2}$ marks)

5 (a) Write an HTML code segment to generate a table of professional league football results with the following column headings: TEAM, P, W, L, GF, GA, PTS and GD. Include sample data for any THREE teams (Hint: P=play, W=won, L=lost, D=Draw, GF=Goals for, GA= Goals against, PTS= Points, GD= Goals Difference. (13 marks)

5(b) List three (3) things you can do with HTML ($4\frac{1}{2}$ Marks)

6(a) What is a Search Engine? (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 any three types of Primitive Data Types ($4\frac{1}{2}$ marks)