SCHOOL OF SCIENCE AND TECHNOLOGY

COURSE CODE: CIT 853

COURSE TITLE: Internet Concepts and Web Design (2 Credits)

Total mark is 70 and each question carries $17^1/_2$ marks
Answer 4 Questions in 2.00 Hours.

1(a) Describe a Web page.(5 marks)
1(b) Differentiate between Graphics Interchange Format (GIF) and Joint Photographic Expert Group (JPEG). (8 marks)
1(c) Identify three (3) Web design tools ($4^1/_2$ marks)

2(a) . Write short note on the following:
    (i)   Web Browser
    (ii)   Web Server
    (iii)   Database Server

    (3 marks each)
2(b) Outline four (4) steps involved in testing Web Application .(4 marks)
2(c) List three (3) file extensions used in Web Design ($4^1/_2$ marks)

3(a) Describe Cascading Style Sheet (CSS) (5 marks)
3(b) Distinguish between thin client and fat client (8 marks)
3(c) Outline three (3) JavaScript Operators. ($4^1/_2$ marks)

4(a) Describe XML and list three (3) benefits (8 marks)
4(b) Outline four (4) Text Fields and Attributes of a Form (5 marks)
4(c). List any three (3) examples of Object Oriented Programming languages you know
($4^1/_2$ marks)

5(a) Describe origin of the Internet (4 marks)
5(b) Write short note on the following:
 (i)   Hacking
 (ii)   Spyware
 (iii)   Encryption
(3 marks each)
5(c) Outline three (3) uses of HTML

6(a)) Explain the term "Dreamweaver". Outline three (3) steps on how to get started with Dreamweaver 8. (8 marks)
6(b)   Describe container tags. List three (3) examples (5 marks)
6(c) List three advantages of using desktop or Notebook or tablet PCs to access the Internet.($4^1/_2$ marks)