NATIONAL OPEN UNVERSITY OF NIGERIA
University Village, Plot 91, Cadastral Zone,
Nnamdi Azikiwe Expressway, Jabi, Abuja
FACULTY OF SCIENCES
2023_1 POP EXAMINATION₂₃₁

Course Code: CIT853
Course Title: Internet Concepts and Web Design
Time Allowed: 2 Hours
Instruction: Answer Question 1 and any other two questions.

QUESTION 1
  a) Differentiate between Web Browser (Client) and Web Server (Middleware).   (6 marks)
  b) Write a short note on the Hypertext Mark-up Language.   (4 marks)
  c) Mention five application areas or uses of HTML**.**   (5 marks)
  d) State three way by which Web graphics can be obtained   (8 marks)
  e) An XSLT looks at an XML document as a collection of nodes, list five types of these nodes.   (5 marks)
  f) List two types graphics files.   (2 marks)

QUESTION 2
  a) Describe XML.   (4 marks)
  b) State six primary XML Design Goals.   (6 marks)
  c) List three advantages of using desktop or Notebook or tablet PCs to access the Internet.   (4 marks)
  d) Distinguish between the following terms (i) property (ii) method (iii) events.   (6 marks)
  e)
QUESTION 3
  a) Differentiate between GIFs and JPEG format.   (5 marks)
  b) Define Object- Oriented Programming.   (4 marks)
  c) Explain any two advantages of objects.   (4 marks)
  d) Define the scripting language.   (3 marks)
  e) How are forms created in HTML?   (4 marks)

QUESTION 4
  a) Describe the concept Internet.   (8 mark)
  b) Discuss any three security protocols that ensure the privacy of e-mails.   (6 marks)
  c) Write short notes on the following terms:
        i.   CSS.   (3 marks)
        ii.   JavaScript.   (3 marks)

QUESTION 5
a) Write of the HTML format structure of a simple table with a caption, 3 columns and 3 rows. (6 marks)
b) Distinguish between relative and absolute URL path. (5 marks)
c) List four factors that led to the general acceptability of the WWW. (4 marks)
d) Explain the term TCP/IP. (5 marks)