COURSE CODE: CIT 484
COURSE TITLE: Website Design and Programming
CREDIT: 2 Units
TIME ALLOWED: 2 Hours
INSTRUCTION: Answer Question ONE (1) and any other TWO (2) Questions

QUESTION 1

a) Discuss briefly web browser and list three (3) examples of web browser.   (5 marks)
b) What are the five parts of Universal Resource Locators?   (5 marks)
c) What do you understand by the term *web design*?   (5 marks)
d) Write short note on JavaScript language?   (6 marks)
e) Compare Java and JavaScript.   (7 marks)
f) State any four common lists that can be used when designing a page?   (2 marks)

QUESTION 2

a) In succinct term, describe the internet.   (5 marks)
b) Write the full meaning of the following acronyms:
      i)   Wi-Fi
      ii) VoIP
      iii) WYSIWYG
      iv) HTML
      v)   URL   (5 marks)
c) Enumerate five markup tags in web design.   (5 marks)
d) State the differences between the internet and World Wide Web   (5 marks)

QUESTION 3

a) Define the following:
      i.   Web Server
      ii.   Client
      iii. Web Browser
      iv. Hyperlinks   (8 marks)
b) Enumerate four (4) primitive data types.   (4 marks)
c) Describe Frame in HTML.   (3 marks)
d) What is VPN, DNS, HTTP PDA and TCP.   (5marks)

QUESTION 4

a) Distinguish between physical and logical markup tag.   (5 marks)

b) Describe the two major section of HTML documents. (5 marks)

c) Discuss the two JavaScript data types. (5 marks)

d) List the five types of operators used in JavaScript. (5 marks)

QUESTION 5

a) Discuss in brief the following concept as related to Object Oriented Programming
   i. Objects
   ii. Polymorphism
   iii. Inheritance (5 marks)

b) Distinguish between the absolute and relative URL. (10 marks)

c) Describe the HTML form. (5 marks)