



NATIONAL OPEN UNIVERSITY OF NIGERIA

Plot 91, University Village Cadastral Zone, Nnamdi Azikiwe Express Way, Jabi-Abuja.

FACULTY OF SCIENCES DEPARTMENT OF COMPUTER SCIENCE JULY 2017

Course Title: CIT853: Internet concepts and web Design
Instruction: Answer question one and three others

Credit Unit: 3
Time: 3hrs

Question One

- Q1a). Describe the origin of the Internet. (5marks)
- Q1b). Write short note on the following concept:
- Web Browser (2marks)
 - Web Server (2marks)
 - Database Server (2marks)
- Q1ci). Distinguish between thin client and fat client (6marks)
- Q1cii). Outline four (4) steps involved in testing Web Application. (4marks)
- Q1d). Explain the following domains:
- (i) Top-level domain
 - (ii) International top-level domain? (4 marks)

Question Two

- Q2a) Describe the concept of XML (5marks)
- Q2b) List five (5) benefits of XML (5marks)
- Q2c) what are the First Octet and Default Subnet mask of class A,B and C IP Address? (5marks)

Question Three

- Q3a). Define the term Javascript and mention two types of Javascript (5marks)
- Q3b). Describe container tags and list three (3) examples. (5marks)
- Q3c). Discuss five file extensions used in Web Design (5marks)

Question Four

- Q4a) What is an Internet protocol and gives three examples? (5marks)
- Q4b) List and explain three concepts of Object Oriented Programming (10marks)

Question Five

- Q5a) Mention at least five network interconnecting devices. (5marks)
- Q5b) Describe in clear terms the concept of Cascading Style Sheets (CSS) (7marks)
- Q5c) what are three ways of inserting a style sheet (3marks)

Question Six

- i. Discuss the types of eXtensible Stylesheet Language (7marks)
- ii. Write short notes on the following:
- a. XSLT StyleSheet (2marks)
 - b. xsl:template (2marks)
 - c. xsl:value-of (2marks)
 - d. XPath. (2marks)