



NATIONAL OPEN UNIVERSITY OF NIGERIA
PLOT 91 CADASTRAL ZONE, NNAMDI AZIKWE EXPRESSWAY, JABI, ABUJA
FACULTY OF SCIENCES
DEPARTMENT OF COMPUTER SCIENCE
2021_1 EXAMINATION

Course Code: CIT753

Course Title: Introduction to the Internet

Time: 2 $\frac{1}{2}$ hours

Credit Units: 3 Credits Unit

INSTRUCTION: Answer Question 1 and any four others

QUESTIONS

QUESTION 1

- 1ai. State categorically the five (5) principal goals of Internetting Project (*5 marks*)
- ii. Explain the difference between broadband and baseband transmission (*2 marks*)
- b. A network is a set of autonomous computers or end users. State the three (3) end users (*3 marks*)
- c. Mention the three (3) objectives for the development of World Wide Web (*3 marks*)
- d. Elaborate on the five (5) main functionalities of a modem (*5 marks*)
- e. Elucidate on the reasons why it is better to use domain names rather than IP address (*4 marks*)

QUESTION 2

- 2a. Outline and expound on the Hardware Components of a Network (*5 marks*)
- b. List eight (8) factors contributing to the growth of World Wide Web (*7 marks*)

QUESTION 3

- 3a. A multi-engine search tool (sometimes called a meta-search) utilizes a number of search engines in parallel. List one advantage and disadvantage of this method (*2 marks*)
- b. Outline the major differences between Usenet News and e-mail discussion groups (*4 marks*)
- c. Write on the following Components of the Internet. (*6 marks*)
 - i. World Wide Web
 - ii. E-Mail
 - iii. File Transfer Protocol (FTP)

QUESTION 4

- 4a. Briefly expatiate on the history of Internet Protocol, stating the ways it can be defined (**4 marks**)
- b. Explicate briefly on the background to the Internet. (**8 marks**)

QUESTION 5

- 5ai. Define the term Gopher. (**1 marks**)
- ii. Distinguish between trusted and untrusted Zones in web site. (**2 mark**)
- b. Describe the steps and also state the reason that will necessitate your adding a website in your Favorite folder? (**6 marks**)
- c. Describe the procedures for Creating a Bookmark. (**3 marks**)

QUESTION 6

- 6ai. State the difference between a Search tool and Search method. (**1 mark**)
- ii. What is the disadvantage of having more pixels per inch in your image? (**1 mark**)
- b. Elucidate on Telnetprogramme as the most common Web-based resources. (**6 marks**)
- c. Explain the Wide Area Information Server (WAIS) as an Internet service. (**4 marks**)