



NATIONAL OPEN UNIVERSITY OF NIGERIA
University Village, Plot 91, Cadastral Zone,
Nnamdi Azikiwe Expressway, Jabi, Abuja

FACULTY OF SCIENCES

2021 EXAMINATION

COURSE CODE: CIT322
COURSE TITLE: Introduction to Internet Programming
COURSE UNIT: 3-Unit
TIME ALLOWED: 2½ Hours
INSTRUCTION: Answer Question 1 and any other Four (4) questions

Question 1

- a) Explain briefly the Internet and its socio-economic benefits [4marks]
- b) Differentiate between Intranet and Extranet Networks [4 marks]
- c) Discuss the services offered by the Internet [4 marks]
- d) Explain computer network and state three (3) examples [5 marks]
- e) Discuss the 5-layered TCP/IP protocol suite [5 marks]

Question 2

- a) Describe any four (4) Internet communication protocols [4 marks]
- b) State the minimum tags for the basic structure HTML documents [4 marks]
- c) Identify eight (8) relevant software tools for Internet programming [4 marks]

Question 3

- a) Enumerate four (4) methods of accessing the Internet [4 marks]
- b) Write out the complete HTML tags of the following information on a Web page
 - (i) Address (hyperlink) [1 mark]
 - (ii) Body of the document [1 mark]
 - (iii) Line break [1 mark]
 - (iv) Head of the document [1 mark]
- c) Discuss the importance of Domain Name Service [4 marks]

Question 4

- a) Mention three (3) distinct components of e-mail message [4 marks]
- b) Briefly explain “GIF” and “JPEG” image file formats [4 marks]
- c) State two (2) advantages of cascading style sheets [4 marks]

Question 5

- a) Distinguish between TCP and UDP in the transport layer of OSI model [4 marks]
- b) Identify the difference between Java programming language and Javascript [4 marks]
- c) What do you understand about the concept of Client Server Model? [4 marks]

Question 6

- a) Explain the following protocols: (i) RTSP (ii) HTTP [4 marks]
- b) Identify where to locate JavaScript in a Program [4 marks]
- c) Describe the functions of XML [4 marks]

