



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 evolution of the Internet
[4 marks]
- b) Discuss how HTML works
[4 marks]
- c) What do you understand by web browsers?
[4 marks]
- d) Describe the term “cloud computing”
[4 marks]
- e) Clarify these terms “multimedia, multimedia elements and multimedia formats”
[6 marks]

Question 2

- a) State four (4) features of Web clients
[4 marks]
- b) How would you describe CSS?
[4 marks]
- c) Who developed JavaScript and when? Mention three (3) web browsers that support JavaScript
[4 marks]

Question 3

- a) List and explain the first four layers of the OSI reference model
[4marks]
- b) Write out the complete HTML tags for the following information on a Web page
 - (i) HTML document [1 mark]
 - (ii) Items in a list [1 mark}
 - (iii) Ordered list [1 mark]
 - (iv) Title of the document [1 mark]
- c) List and briefly explain two (2) types of JavaScript popup boxes [4 marks]

Question 4

- a) List and briefly explain the last four layers of the OSI reference model [4 marks]
- b) Discuss the importance of XML technology [4 marks]
- c) Explain two (2) components of a Search engine [4 marks]

Question 5

- a) Explain the term “Widgets” [4 marks]
- b) What are the benefits of RSS? [4 marks]
- c) Write an HTML code to display the name, age and department of your friend [4 marks]

Question 6

- a) What do you understand by XHTML? [4 marks]
- b) Explain the relevance of Apache HTTP Server [4 marks]
- c) Describe Common Gateway Interface [4 marks]

