



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**PLOT 91, CADASTRAL ZONE, NNAMDI AZIKWE EXPRESSWAY, JABI-ABUJA**  
**FACULTY OF SCIENCES**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**2020 EXAMINATIONS**

**COURSE CODE: CIT 322**

**COURSE TITLE: INTRODUCTION TO INTERNET PROGRAMMING**

**CREDIT: 3 UNITS**

**TIME ALLOWED: 2½ HOURS**

**INSTRUCTIONS: ANSWER QUESTION ONE (1) AND ANY FOUR (4) OTHERS**

- 1 (a) with aid of a relevant example, analyze how the Application Programming Interface (APIs) provides application with access to external services and databases. **(3 marks)**  
(b) Creating and Modifying XML Documents involve a series processes, Concisely summarize these processes **(4 marks)**  
(c) In HTML, it is possible to control the size of the text area by specifying the size attribute. Write the HTML codes that provides three different sizes for your text fields. **(5 marks)**  
(d) *HTML tag* is the root of the *html* document which is used to specify that the document is *html*. Outline briefly the six characteristics of HTML Tags? **(6 marks)**  
(e) Identify the four minimum elements or tags that should be included in a basic structure for all HTML **(4 marks)**
  
- 2 (a) User interface (UI) design is the process of making interfaces in software or computerized devices with a focus on looks or style, illustrate the meaning User Interface? **(8 marks)**  
(b) Summarize five essential services that are expected in any service-oriented environment such as in Web services. **(4 marks)**
  
- 3 (a) Popup boxes are used to display a message, along with an “OK” button, analyze three different types of popup box available in JavaScript **(8 marks)**  
(b) Outline the features of HTML password Field? **(4 marks)**
  
- 4 (a) Write an HTML code to represents the use of Internal CSS code in a simple and functional Web page design. **(6 marks)**  
(b) Analyze the features of the historical development of Intranet **(6 marks)**
  
- 5 (a) Common Gateway Interface is a standard that permits the addition of dynamic

functionalities to static web pages. Critically identify the concepts of Common Gateway Interface (CGI)? **(8 marks)**

(b) The Internet information services (IIS) is a web server developed by Microsoft and used to host the Web application, critically justify its concept in relation to ASPs

**(4 marks)**

6 (a) Identify the concepts of Web Browser

**(8 marks)**

(b) With aid of relevant HTML codes, describe the concept of CellSpacing attribute

**(4 marks)**