



**Scott Christian  
UNIVERSITY**

*A Dynamic Centre of Academic Excellence*

**SCHOOL OF PROFESSIONAL STUDIES**

**BACHELOR OF BUSINESS INFORMATION TECHNOLOGY**

**UNIT CODE/NAME: BBIT 221: INTERNET BASED PROGRAMMING**

**January – April 2022/2023 End Semester Exam**

**- Time: 2 Hours**

**Instructions: Answer Question ONE (Compulsory) and any other TWO questions.**

**QUESTION ONE**

- a) Define the following terms as used in web programming **(10 Marks)**
- i. Network protocol
  - ii. web application
  - iii. client-server model
  - iv. IP Addresses
  - v. Uniform Resource Locator
- b) Differentiate between client-server and peer to peer network **(4 Marks)**
- c) Define the term URL and explain the various parts of a URL **(6 Marks)**
- d) Explain the meaning of the following response status from the server. **(8 Marks)**
- i. 200
  - ii. 403
  - iii. 404
  - iv. 500
- e) Enumerate any two reasons why ajax is commonly used today **(2 Marks)**

**QUESTION TWO**

- a) With an aid of a diagram, explain the procedure of making a request and receiving a response between a client computer and a web server **(10 Marks)**
- b) With relevant examples differentiate between **GET** and **POST** requests from the server. **(5 Marks)**

### QUESTION THREE

- a). Discuss any five advantages of advertising over the internet. (10 Marks)
- b). Explain the meaning of the following terms as applied in web programming (5 Marks)
  - i. Blogs
  - ii. Wikis
  - iii. Sakai
  - iv. Digital library
  - v. Servlets

### QUESTION FOUR

- a) Write a program that prompts a user for two numbers and outputs their sum (10 Marks)  
*Hint: use JavaScript*
- b) Enumerate any five disadvantages of advertising over the internet (5 Marks)

### QUESTION FIVE

- a) Discuss any five advantages of a webmail (10 Marks)
- b) Enumerate the disadvantages of using JavaScript in web programming. (5 Marks)