

### NIGERIA, UNIVERSITY VILLAGE PLOT 91 CADASTRAL ZONE,

### NNAMDI AZIKIWE EXPRESS WAY, JABI, ABUJA

**FACULTY OF SCIENCES**

**JULY 2018 EXAMINATIONS**

**Course code:** CIT392

**Course Title:** Computer Laboratory II

**Time:**2 HRS **Units:** 2 Credits

**Instruction:** Answer questions one (1) and any other Three (3) questions.

QUESTIONS

**Question 1 *(25 marks for Question 1)***

a) Describe the main three (3) program elements of C language. ***(9 marks)***

b) Briefly define the word identifier and keyword and give an example in C programming language. ***(6 marks)***

c) List five (5) arithmetic operators in C language. ***(5 marks)***

d) Define the following

i) Variable ***(2 marks)***

ii) Function ***(3 marks)***

**Question 2 *(15 marks for Question 2)***

a) Briefly explain what you understand by a Class. ***(5 marks)***

b) Mention the two (2) categories of Java packages ***(5 marks)***

c) What is a method? ***(5 marks)***

**Question 3 *(15 marks for Question 3)***

a) Mention five (5) Windows 7 versions. ***(5 marks)***

b) Define and state the functionalities of Windows XP operating system. ***(5 marks)***

c) Define the following terms ***(5 marks)***

i) Icon ***(1 mark)***

ii) Taskbar ***(1 mark)***

iii) Quick lunch toolbar ***(1 mark)***

iv) Command button ***(1 mark)***

v) Slider ***(1 mark)***

**Question 4 *(15 marks for Question 4)***

a) How do you save a document and what are the procedures involved? ***(6 marks)***

b) List five (5) of the popular electronic devices that currently use Linux operating system.

***(5 marks)***

c) Mention four (4) versions of Linux operating system. ***(4 marks)***

**Question 5 *(15 marks for Question 5)***

a) Explain the history of the Structure Query Language ***(10 marks)***

b) What is a Pointer?  ***(2 marks)***

A pointer is simply the address of a memory location and provides an indirect way of accessing data in memory. A pointer variable is defined to ‘point to’ data of a specific type.

c) Mention three (3) advantages of Structured Query Language. ***(3 marks)***