



**NATIONAL OPEN UNIVERSITY OF NIGERIA  
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS  
SEPTEMBER/OCTOBER 2015 EXAMINATION  
SCHOOL OF SCIENCE AND TECHNOLOGY**

**Course Code:** CIT392

**Course Title:** Computer Laboratory II

**Time:** 2 hrs

**Course Credit Unit:** 2

**Instruction:** Attempt any four (4) questions. Each question carries 17½ marks

**Question 1**

- a) Outline the steps involved in creating a C source file
- b) List the three main parts of C codes.
- c) Write briefly on the three (3).

(17½ marks)

**Question 2**

- a) Define The main () Function
- b) Enumerate three non-numeric Data Type in C++
- c) Write short notes on the three

(17½ marks)

**Question 3**

- a) Contrast between Variables and Constants
- b) There are four basic types of constants in C;
  - i. integer constants,
  - ii. floating-point constants,
  - iii. character constants and
  - iv. string constants

Write briefly on these four constants.

(17½ marks)

**Question 4**

In the Linux file structure files are grouped according to purpose. What does the following command represent?

- i) mkdir
- ii) mknod
- iii) mktemp
- iv) mv
- v) pathchk
- vi) pwd
- vii) rm
- viii) install
- ix) sum

x) cksum

(17½ marks)

**Question 5**

- (a) What is Linux
  - (b) Outline the steps for installing Linux on your computer
- (17½ marks)

**Question 6**

- (a) What is mySQL?
- c) Outline Codd's 12 Rules, for the relational model(17½ marks)