



NATIONAL OPEN UNIVERSITY OF NIGERIA
University Village, 91 Cadastral Zone, Nnamdi Azikwe Expressway, Jabi, Abuja
FACULTY OF SCIENCES
COMPUTER SCIENCE DEPARTMENT
SEPTEMBER, 2020_1 EXAMINATIONS

CIT 392 - Computer Laboratory II

Credit: 2 units

TIME ALLOWED: 2 Hours

INSTRUCTION: Answer Question 1 and any other THREE (3) Questions

- 1a) What is an operating system? (2marks)
- 1b) Explain variable and show how are they declared in Java program (4marks)
- 1c) Describe a repetition control structure? List three (3) types in Java (5marks)
- 1d) Define Java Packages? Explain two (2) categories of java packages (5marks)
- 1e) Outline four (4) in-built packages of Java (4marks)
- 1f) Enumerate five (5) logical operators in C (5marks)

- 2a) Write short notes on the following terms;
 - i) icons (2marks)
 - ii) taskbar (2marks)
 - iii) notification area (2marks)
 - iv) quick launch bar. (2marks)
- 2b) Explain licensing in Linux (5marks)
- 2c) What is the Desktop? (2marks)

- 3a) Write and explain the general syntax of SQL SELECT statement (9 marks)
- 3b) Outline four (4) data types supported by C language (4marks)
- 3c) Define is an algorithm? (2marks)

- 4a) Describe four (4) kinds of variables in Java programming language (8marks)
- 4b) What is bitwise operations? Give 3 examples of bitwise operators and their functions (5mks)
- 4c) Describe procedural programming. (2marks)

- 5a) Explain with example the While Loop control structure in C (5marks)
- b) Illustrate the *this* keyword in Java. (5marks)
- c) Identify any five (5) Arithmetic operators in C (5marks)