



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

SCHOOL OF SCIENCE AND TECHNOLOGY

Course code: CIT711
Course Title: Computer Fundamentals
Time: 2.5 Hours

Instruction: Answer any Four (4) questions.

- 1a. What is a program? [3 marks]
- 1b. Explain memory system. [5 marks]
- 1c. State and explain the categories of languages. [9.5 marks]

- 2a. What is a bit? [4.5 marks]
- 2b. What really give room to memory hierarchy? [5 marks]
- 2c. Differentiate between Compiler and Interpreter. [8 marks]

- 3a. What is File Transfer Protocol (FTP)? [2.5 marks]
- 3b. State six (6) applications of Vector Processing. [6 marks]
- 3c. Write short note on the four advantages of having densely packed Integrated Circuits. [9 marks]

- 4a. Write short note on Very Large Scale Integration (VLSI). [3.5 marks]
- 4b. Enumerate the six (6) important categories of software packages available: [6 marks]
- 4c. Draw, enumerate and write short note on the three groups of memories. [8marks]

- 5a. State the four popular classifications of parallel computer: [4 marks]
- 5b. What is a Storage capacity? [4.5 marks]
- 5c. Explain two important breakthroughs of Very Large Scale Integration (VLSI) technologies. [9 marks]

- 6a. What is meant by Access Time? [4 marks]
- 6b. Differentiate with two examples each the difference between Input and Output Statement. [5.5 marks]
- 6c. Differentiate between Coaxial and Fibre Optic Cables. [8 marks]