BINT 0114: INTRODUCTION TO COMPUTING

INSTRUCTIONS
1. *Do not write anything on this question paper.*
2. *Answer Question ONE and any other THREE Questions.*

QUESTION ONE

a) Explain the following terms and provide an example of each type:

[6 Marks]

    i. Batch processing
    ii. Real time processing
    iii. Distributed processing

b) Provide a definition of application software, and provide three examples of this type of software. [4 marks]

c) i. What is a computer virus? [1 Mark]

   ii. What is the source of a virus? [2 Marks]

d) i. What is e-commerce? [2 Marks]
   ii. What are the three types of e-commerce? [3 Marks]

e) Explain the Term Computer Generation. [1 Mark]

f) State and Explain the different types of Computer Bus. [6 Marks]

QUESTION TWO

a. You have been employed by Hightech Company Limited as a Network administrator to oversee the Companies Computer Network. Highlight some of the ways you could implement to make the network secure and save from attacks such as Hacking, Cyber Criminals and Computer Viruses . [8 Marks]
b. Explain the application areas of computer system. [7 Marks]

QUESTION THREE

a. Outline three disadvantages of using computers in road transport.

[3 Marks]
b. Give the difference between high level language and machine language.

[4 Marks]

c. Examine the Impact of using computers in business organization.

[8 Marks]

QUESTION FOUR

Using a diagram Discuss the OSI internet Protocol model.   [15 Marks]

QUESTION FIVE

a. Von Neumann came up with a computer Architecture. Using a Diagram State and Explain the Components of the Computer Architecture.

[8 marks]

b. What are Main Characteristics of a second generation computer.

[7 Marks]