INSTRUCTIONS

1. Answer question ONE (COMPULSORY) and ANY other TWO question.
2. Candidates are advised not to write on the question paper.
3. Candidates must hand in their answer booklets to the invigilator while in the examination room.
1. a. What is the function of the following hardware components of a computer:
   
   i. System unit (2 marks)
   ii. Input devices (2 marks)
   iii. Output devices (2 marks)

   b. Distinguish between
   
   i. Single user operating system and multiuser operating system (2 marks)
   ii. Single tasking and multitasking operating system (2 marks)
   iii. Computer software and computer hardware (2 marks)
   iv. Storage medium and storage device (2 marks)

   b. Write the following abbreviations in full: (5 marks)

   i. DOS
   ii. MOUSE
   iii. CD
   iv. MODEM
   v. GIGO

   c. What short cut keys would you use to do the following: (4 marks)

   i. Underlining text

   ii. Printing a document

   iii. Saving a document

   iv. Italicizing a text

   d. Which computer generations have the following as their main electronic components? (3 marks)

   i. Ultra large scale integrated circuits
   ii. Vacuum tubes
   iii. Transistors
e. State four disadvantages of computers (4 marks)

2. a. Describe the various types of computers as classified based on size. (10 marks)
   b. How are fifth generation computers different from first generation computers? (10 marks)

3. Discuss how computers can be applied in educational institutions. (20 marks)

4. a. How are word processors better than typewriters. (10 marks)
   b. What are the functions of system software of a computer? (10 marks)

5. a. Discuss how data in a computer can be destroyed or damaged. (10 marks)
   b. Explain how you can protect data and computers against loss or damage. (10 marks)