DATA PROCESSING

EXAMINATION SCHEME

There will be two papers, Papers 1 and 2 both of which must be taken as a composite paper at one sitting.

PAPER 1: will consist of forty multiple-choice objective questions, all of which are to be answered in 1 hour for 40 marks.

PAPER 2: will consist of two sections: Sections A and B. Candidates will be required to answer five questions in all.

Section A: will consist of four essay questions. Candidates will be required to answer any three in 1 hour for 30 marks.

Section B: will be a test of practical work. It shall consist of two compulsory essay questions to be answered in 1 hour for 40 marks.

SAMPLE QUESTIONS

PAPER 1
(OBJECTIVES)

1. Which of the following is ***not*** an early computing device?
   A. Abacus
   B. Slide rule
   C. Napiers bones
   D. Palmtop

2. If $10_{10} = X_2$, find the value of X.
   A. 10011
   B. 1010
   C. 10001
   D. 11001

3. *Data* can defined as a
   A. set of numbers.
   B. collection of facts.
   C. type of computer.
   D. computing device.

4. In spreadsheet, the content of the active cell is also displayed in the
   A. name box.
   B. row headings.
   C. formular bar.
   D. task pane.

5. What is the **major** component of the second generation computers?
   A. Vacuum tubes
   B. Integrated circuits
   C. Transistors
   D. Capacitors

PAPER 2
(ESSAY)

1. (a) Define the following terms:

   (i) *hardware*;
   (ii) *software*.

   (b) List **three** examples of an output device.

   (c) State **one** use of **each** of the devices you listed in 1 (b).

   (d) State **two** differences between *computer hardware* and *software*.

PAPER 3
(TEST OF PRACTICAL WORK)

1. (a) List the keys to be pressed on the keyboard in order to:

   (i) move a selected text from one file to a another file;
   (ii) save a file;
   (iii) select all items in a file;
   (iv) underline text;

   (b) Study the diagrams below and use it to answer the questions that follow.

X **Y** **Z**

   (i) Identify the devices labeled **X, Y** and **Z**.

   (ii) State ***one*** use of **each** of the devices labeled **X, Y,** and **Z**.