

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 be 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. formula 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 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.



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