Instructions to Candidates:

You should have the following for this examination
- Answer Booklet

This paper consists of FIVE questions.
Attempt question ONE (Compulsory) and any other TWO questions

Maximum marks for each part of a question are as shown
This paper consists of TWO printed pages

**Question One (Compulsory)**

a) Explain the following terms:
   (i) Computer
   (ii) Server
   (iii) Work station
   (iv) Information appliances
   (v) Embedded computers

b) State pointing and image/video input devices.

c) What is an output device and give THREE examples.

d) Explain the various components of the motherboard

**Question Two**

a) Differentiate between the major types of software.

b) Describe the functions of operating system.

c) Identify THREE methods for developing application software.

d) Describe the major types of application software.

**Question Three**

a) Define computer security

b) Define a threat in relation to computing.

c) What is a virus?

d) Explain the various types of threats to computer security.

**Question Four**

a) Identify the benefits of ergonomics.

b) Describe the hazard control measures for office based environments.

**Question Five**

a) Distinguish the following:
   (i) Information and Data
   (ii) Information Communication Technology and Information Technology
   (iii) Random Access Memory and Read Only Memory

b) State the roles of a system analyst.