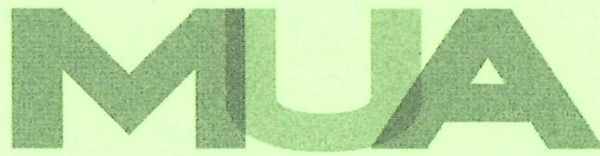


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**CERTIFICATE UNIVERSITY EXAMINATIONS**  
**SCHOOL OF MANAGEMENT AND LEADERSHIP**  
**CERTIFICATE IN BRIDGING**

**FCC 102: INTRODUCTION TO COMPUTER APPLICATIONS**

**DATE: 31<sup>ST</sup> MARCH 2025**

**DURATION: 2 HOURS**

**MAXIMUM MARKS: 70**

**INSTRUCTIONS:**

1. Write your registration number on the answer booklet.
2. **DO NOT** write on this question paper.
3. This paper contains **SIX (6)** questions.
4. Question **ONE** is compulsory.
5. Answer any other **FOUR** questions.
6. Question **ONE** carries **30 MARKS** and the rest carry **10 MARKS** each.
7. Write all your answers in the Examination answer booklet provided.

**QUESTION ONE**

**Read the Case Study below carefully and answer the questions that follow:**

A computer is a great invention of the modern technology. The first computer was a mechanical computer which was created by the Charles Babbage. Computers have made our lives easier in many ways. They help us perform tasks that would otherwise be difficult or impossible. Computers have become an integral part of our life due to its usefulness into various fields. The whole human fraternity is becoming highly dependent on the computer technology; no one can imagine life without computer. As, it has spread its wings so deeply in every area and made people used of it.

The simple computer basically consists of several parts interconnected. The computer is categorized into many different types. It's inevitable that all computers will experience slower speeds at some point. As software becomes more demanding, the way in which the computer reacts to these changes can have a big impact on its performance. There are some improvements that are more cost-effective and straightforward to do. These minor adjustments may not seem like they will speed up your computer performance, but combined they can significantly enhance overall system performance, making it possible to keep the computer functional for a number of years.

Computers have become a necessity; also, they have become a threat too. This is due to hackers who steal your private data and leak them on internet. Also, anyone can access this data. In today's world, cybersecurity is very important because of some security threats and cyber-attacks. For data protection, many companies develop software. This software protects the data.

**Required:**

- a) Evaluate FOUR common uses of computers in daily life [8 MARKS]
- b) Assess THREE main components of a computer system [6 MARKS]
- c) List THREE steps you would take to fasten a slow computer [6 MARKS]
- d) Analyze TWO impacts of mobile applications on modern society. [6 MARKS]
- e) Assess TWO security threats to data in organization [4 MARKS]

**QUESTION TWO**

- a) Explain the purpose of RAM [3 MARKS]
- b) List three types of charts found in excel. [6 MARKS]
- c) Highlight an example of an operating system [1 MARKS]

**QUESTION THREE**

- a) Describe the differences between word processing software and spreadsheet software. [4 MARKS]
- b) List three hardware input devices [3 MARKS]
- c) State the difference between open-source and proprietary software [3 MARKS]

**QUESTION FOUR**

- a) List two future trends emerging technologies [4 MARKS]
- b) Explain two legal issues of a computer use [2 MARKS]
- c) Analyze two classifications of computers based on size [4 MARKS]

**QUESTION FIVE**

- a) List three features of an email application [6 MARKS]
- b) Analyze the main functions of a web browser [2 MARKS]
- c) Assess the primary function of an operating system [2 MARKS]

**QUESTION SIX**

- a) Explain TWO ways to prevent data loss in a computer **[4 MARKS]**
- b) Examine TWO ways how to protect a computer from viruses **[6 MARKS]**