ZIMBABWE EZEKIEL GUTI UNIVERSITY
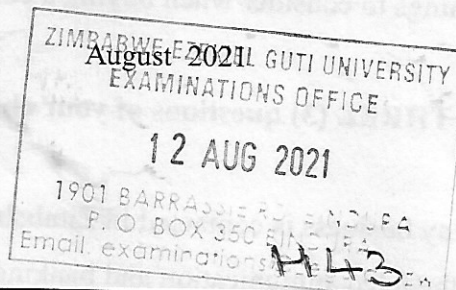
FACULTY OF HEALTH, SCIENCE AND TECHNOLOGY

DEPARTMENT OF INFORMATION SYSTEMS

EXAMINATION PAPER

COURSE CODE	:	UWC100
COURSE TITLE	:	Introduction to Computers and Computer Application
DURATION	:	3 Hours
LEVEL	:	1.1
DATE	:	August 2021

H43. B270 AM

INSTRUCTIONS TO CANDIDATES

1. The paper consists of **EIGHT** questions
2. Answer **ALL** questions in **SECTION A** and **THREE** questions of your choice in **SECTION A** on separate answer booklet provided.
3. Begin each question on a new page.
4. The number of marks for each question or part question is shown in brackets [ ]

SECTION A: Answer all questions.

Question 1

With examples explain the following

    a) Input Devices

    b) Output Devices   **[Total Marks 10]**

Question 2

Discuss the merits and demerits of using the internet in a university.   **[Total Marks 10]**

Question 3

With examples, compare data and Information.   **[Total Marks 10]**

Question 4

Can you explain any three things to consider when buying a computer?   **[Total Marks 10]**

SECTION B: Answer any THREE (3) questions of your choice

Question 5

Internet has improved the way business is contacted in Zimbabwe. Outline services that are

offered over the internet in the telecommunication and banking sector   **[Total Marks 20]**

Question 6

With the aid of diagrams, briefly describe the following network topologies

    a) Star

    b) Ring

    c) Bus

    d) Hybrid.   **[Total Marks 20]**

Question 7

    a) A bank has installed an Automated Teller Machine (ATM) outside its building for its

    customers. The ATM accepts debit cards, has a touch sensitive screen which displays

    transaction options, a keyboard to enter customer PIN, produces transaction receipts and

    it also produces some sound when transaction is complete. Name the (i) input device(s)

    and (ii) output device(s) on the ATM.   **[Marks 8]**

b) Describe any three characteristics of the following types of computers

   i.   Microcomputer

   ii. Mainframe computer

   iii. Minicomputer   **[Marks 12]**

Question 8

Mr Matamba has been employed by the Ministry of Primary Education, Sports and Culture since October 1984 as a teacher. He has been partially exposed to computer technology. Advise Mr Matamba on the importance of the internet and how the internet can help him in teaching and learning.   **[Total Marks 20]**