ZIMBABWE EZEKIEL GUTI UNIVERSITY

FACULTY OF BUSINESS, ECONOMICS AND ACCOUNTING

DEPARTMENT OF ECONOMICS AND BUSINESS SCIENCES

EXAMINATION PAPER

COURSE CODE	:	UWC 100
COURSE TITLE	:	INTRODUCTION TO COMPUTER STUDIES
DURATION	:	3 Hours
DATE	:	27 May 2019

INSTRUCTIONS TO CANDIDATES:

1. No cell phones are allowed in the examination venue.
2. Answer any **FIVE (5)** questions.
3. Begin each question on a new page.
4. The number of marks for each question or part question is shown in brackets [ ]

QUESTION 1

a. Match the following categories with the given devices.

Input device   Blu Ray Disk

Output device   Light pen

Storage device   Optical Mark Reader

Input device   Projector   **[4]**

b. Briefly explain how CPU speed is measured   **[3]**

c. Explain how memory storage is measured?   **[3]**

d. Explain 3 factors that affect the performance of a computer system   **[6]**

e. Differentiate between Operating system and Application software   **[4]**

QUESTION 2

a. Explain 4 things considered when buying a computer for either home or office use **[10]**

b. Distinguish between a micro-computer and a super computer   **[4]**

c. Explain 3 types of computer networks   **[6]**

QUESTION 3

a. Define software   **[1]**

b. Explain any 3 functions of the OS   **[9]**

c. Explain the difference between freeware and shareware   **[4]**

d. Explain the difference between off the shelf software package and Tailor made software package   **[6]**

QUESTION 4

a. Differentiate between the internet and the intranet   **[4]**

b. Explain the impact of viruses on IT systems. (explain any 3 points)   [9]

c. Define a network. As an IT specialist for ABC Ltd, describe three scenarios where the installation of a network will improve the operations of your organisation   [7]

QUESTION 5

a. With an aid of a block diagram explain the structure and components of a computer system.   [10]

b. Explain the following as they are used in the context of computer security

    i.   Malware   [4]

    ii.   Hacking   [3]

    iii.   Pharming   [3]

QUESTION 6

a. What is a browser and give two examples of a browser   **[4]**

b. Compare and contrast primary memory and secondary memory   **[8]**

c. Explain any 4 measures that you can take to mitigate the effects of a virus   [8]