



ZIMBABWE EZEKIEL GUTI UNIVERSITY

FACULTY OF HEALTH, SCIENCE AND TECHNOLOGY

DEPARTMENT OF INFORMATION SYSTEMS

COURSE CODE : UWC100
COURSE TITLE : INTRODUCTION TO COMPUTERS AND
COMPUTER APPLICATION
DURATION : 3 Hours
LEVEL : 1.1
DATE : 2022

07 FEB 2022

INSTRUCTIONS TO CANDIDATES

1. Answer all questions
2. Number your answers accordingly.
3. You are required to answer questions clearly and logically, with headings and subheadings where necessary.
4. Neatness and orderliness is required.

SECTION A [40 marks]

(Answer all questions from this section. Each question carries 10 marks)

Question 1

Clearly define the following computing terms:

- a) Computer
- b) Hardware
- c) Software
- d) Network
- e) Database

[5 x 2 marks]

Question 2

- a) List any FIVE networking devices
- b) What does the following networking abbreviations stand for:
 - i) LAN
 - ii) MAN
 - iii) WAN
 - iv) PAN
 - v) IP

[5 marks]

[5 x 1 mark]

Question 3

With the aid of relevant examples (*two examples for each*), describe the following:

- a) Input devices
- b) Output devices
- c) Storage devices

[3 marks]

[3 marks]

[4 marks]

Question 4

- a) What is a computer virus?
- b) List any FIVE symptoms and signs that a computer could have been infected by a virus.
- c) Discuss any THREE ways of safeguarding networked computers against viruses

[2 marks]

[5 marks]

[3 marks]

SECTION B

(Answer all questions from this section. Each question carries 15 marks)

Question 5

- a) *MS Word, PowerPoint* and *Excel* are all part of Microsoft suite. Explain what each of these applications was designed for. **[3 marks]**
- b) Computers that are going to be connected together can be connected in different ways. The way that the computers on a network are connected together is known as the *topology* of the network. With the aid of diagrams, describe the FOUR network topologies you know. **[4 x 3 marks]**

Question 6

- a) What is an internet? **[3 marks]**
- b) Name any TWO internet browser software **[2 marks]**
- c) Discuss FIVE advantages and FIVE disadvantages to customers of Internet shopping compared to visiting stores to do their shopping. **[10 marks]**