



Written
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FACULTY OF SCIENCE, TECHNOLOGY, AGRICULTURE AND FOOD SYSTEMS DEVELOPMENT

DEPARTMENT OF DIGITAL TECHNOLOGY & SYSTEMS

EXAMINATION PAPER

COURSE CODE : UWC 100
COURSE TITLE : Introduction to Computers and Computer Applications
SPECIAL REQUIREMENTS : None
DURATION : 3 Hours
LEVEL : 1.1
DATE : October /November 2023 **JAN 2024 SUPP**

INSTRUCTIONS TO CANDIDATES:

1. This paper consists of 3 sections
2. Answer **ALL** Questions in SECTION A and SECTION B plus **ANY ONE** Question from SECTION C in booklet provided.
3. Start each Question on a new page

There are 4 printed pages for this question paper

SECTION A

(Answer all questions from this section. The section carries **40 marks**)

Question 1

Clearly explain the following computer crimes:

- a) Espionage
- b) Cyberbullying
- c) Sexting
- d) Cyber enticement
- e) Spamming

[5 x 2 marks]

Question 2

All members of staff that use a school's network have their own login names and passwords. A new member of staff was given the following advice. "*Write your login name and password on a post-it note and stick it on the rim of your monitor so that you don't forget it*".

- a) State why this is not good advice. **[2 marks]**
- b) Give FOUR brief, but more appropriate pieces of advice about choosing a password and login name, and keeping them confidential.

[8 marks]

Question 3

- a) Define a server **[3 marks]**
- b) Give any two areas where servers can be used **[4 marks]**
- c) State any THREE advantages of storing information in a server

[3 marks]

Question 4

- a) What is a web browser? **[2 marks]**
- b) List any two examples of web browsers **[2 marks]**
- c) Distinguish between *internet*, *intranet* and *extranet* indicating areas where each can be used **[6 marks]**

SECTION B [40 marks]

(Answer all questions from this section. The section carries 40 marks)

Question 5

- i. Clearly distinguish between system software, and application software and utilities software [10 marks]

Question 6

- i. Explain five attributes of an excel sheet [15 marks]
ii. Discuss the uses of publication software [15 marks]

SECTION C

(Choose ONE question from this section. The section carries 20 marks)

Question 7

- a) What is word processor [3 marks]
b) Explain any FIVE attributes of a word processor [5 marks]
c) Discuss a presentation software giving three examples [12 marks]

Question 8

Discuss the benefits and drawbacks of students using the internet to carry out their research.

[20 marks]

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