NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY

FACULTY OF COMMERCE, HUMAN SCIENCES & EDUCATION

DEPARTMENT: GOVERNANCE AND MANAGEMENT SCIENCES

QUALIFICATION: Bachelor of Business and Information Administration	
QUALIFICATION CODE: 07BOMT	**LEVEL:** 5
COURSE: Business Information Systems 1A	**COURSE CODE:** BIS511S
DATE: July 2023	**SESSION:** Paper 1
DURATION: 2 Hours	**MARKS:** 100

EXAMINATION PAPER

SECOND OPPORTUNITY EXAMINATION QUESTION PAPER	
Examiner (S)	Ms. P. Witbeen/Ms. H. Shivute
Moderator:	Dr. N. Angula

THIS QUESTION PAPER CONSISTS OF 5 PAGES
(EXCLUDING THIS FRONT PAGE)

INSTRUCTIONS
1. Answer ALL the Questions
2. Write Clearly and Neatly
3. Number the Answers Clearly

QUESTION 1   **MARKS (10)**

Answer the following multiple-choice questions. Write down only the letter next to the appropriate number. For example 1.1. (d).

1.1. Uses of computers in the military sector
   a) Patient history, patient monitoring, and hospital management
   b) Missile control and smart weapons
   c) Marketing, advertising, stock exchange
   d) None of the above

1.2. Choose from the list the three common game consoles
   a) smart phone, digital cameras, handheld computers
   b) Playstation, Xbox and Wii
   c) Radio games, Video games and cellphone games
   d) digital cameras, web cameras, telephones

1.3. A hardware device used to display processed to information
   a) Input Device
   b) Data
   c) Processed Information
   d) Output Device

1.4. A computer that is integrated into other devices and is dedicated to the functions of that device is known as
   a) Mainframe
   b) Supercomputer
   c) Embedded Computer
   d) Personal Computer

1.5. Data includes the following

    a) People, procedure and graphics

    b) Data, text and dvds

    c) Data, people and procedures

    d) Text, videos and numbers

1.6. Components of a systems unit:

    (a) Printer and mouse

    (b) Keyboard and mouse

    (c) Monitor and keyboard

    (d) memory module and cards

1.7. The below in order is known as the Information processing Cycle

    (a) processing - input - output – storage

    (b) input - output - processing – storage

    (c) input - processing - output - storage

    (d) none of the above

1.8. Uses of computers in education sector

    a) Patient history, patient monitoring, and hospital management

    b) Marketing, advertising, stock exchange

    c) Online Exams, Computer Aided Learning, Distance Learning

    d) None of the above

1.9. The smallest unit of data in computer is

    a) Byte

    b) Bit

    c) Gigabyte

    d) Megabyte

1.10. The elements of a Computer Based Information System are

   a) input - output - processing – storage

   b) keyboard, mouse, mother, monitor

   c) hardware, software, data, procedures, people, communication

   d) software, data, input, graphics

QUESTION 2   **MARKS (10)**

Please give the full names of the following abbreviations:

2.1.   TB

2.2.   CPU

2.3.   SOHO

2.4.   CAD

2.5.   RAM

2.6.   PSU

2.7.   AGP

2.8.   IC

2.9.   DC

2.10. HDD

QUESTION 3   (TRUE and FALSE)   **MARKS (5)**

3.1.   A System Unit is also called a computer case, computer chassis or computer tower.

3.2.   The four components of the computer are input, output, system unit and storage devices.

3.3.   Power user is one of the categories of computer usage.

3.4.   Hardware is the most obvious part of a computer-based information system.

3.5.   The main circuit board of a computer is called the control unit.

Question 4 (20 Marks)

Briefly define the following terms:

a) Mail Server

b) Bluetooth

c) Data

d) Mobile Device

e) Personal Computer:

f) Computer Based-Information System

g) Application Software

h) Expansion Slot

i) Processor Socket

j) A computer

Question 5 (4 Marks)

For every instruction, the processor repeats a set of four basic operations, which comprise of the machine cycle. List the four elements of the machine cycle. In the following diagram, please label the components of the computer.

Question 6 (40 Marks)

6.1.   Computers have transformed our lives and changed how we do everything. List and explain three (3) benefits and three (3) drawbacks of computers. **(6 marks)**

6.2.   Explain the difference between Computer Literacy and Computer Fluency. **(4 Marks)**

6.3.   E-book reader is an example of a mobile device. List the characterises of thereof **(4 marks)**

6.4.   Briefly outline the Information Processing Cycle. **(8 marks)**

6.5. Name and explain the four components of a computer with examples   (8 Marks)

6.6. Name and explain the five (5) categories of computer usage   (10 Marks)

Question 7   (11 Marks)

7.1. Explain the difference between Analog Computers and Digital Computer.   (4 Marks)

7.2. Discuss the difference between Volatile Memory and Non-Volatile Memory   (4 Marks)

7.3. List the two uses of computers in the Medical field.   (2 Marks)

7.4. Describe briefly what a Local Bus is   (1 Mark)

TOTAL: 100 Marks

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The End