ПAMIBIA UПIVERSITY
OF SCIEПCE AПD TECHПOLOGY

FACULTY OF COMMERCE, HUMAN SCIENCES AND EDUCATION

DEPARTMENT OF GOVERNANCE AND MANAGEMENT SCIENCES

QUALIFICATION: BACHELOR OF BUSINESS AND INFORMATION ADMINISTRATION	
QUALIFICATION CODE: 07BBIA	**LEVEL:** 5
COURSE CODE: BIS521S	**COURSE NAME:** BUSINESS INFORMATION SYSTEMS 1B
SESSION: JANUARY 2025	**PAPER:** THEORETICAL PAPER
DURATION: 2 HOURS	**MARKS:** 100

SECOND OPPORTUNITY EXAMINATION QUESTION PAPER	
EXAMINER(S)	Ms E Vaino
MODERATOR:	Mrs P Louw

INSTRUCTIONS	
1.	Answer **all questions**.
2.	Read questions carefully before answering.
3.	Make sure your name and surname, question number and the date appear on the answering script.
4.	Please ensure your writing is legible and presentable.

PERMISSIBLE MATERIALS

1. Pen, pencil, ruler and eraser

THIS QUESTION PAPER CONSISTS OF 5 PAGES (Including this front page)

SECTION 1
QUESTION 1 - Multiple Choice   [10 Marks]

Identify the letter of the choice that best completes the statement or answers the question.

1.1   Which of the following is an input device?

(A)   Monitor
(B)   Keyboard
(C)   Printer
(D)   Speakers

1.2   Which of the following is NOT a storage medium?

(A)   RAM
(B)   Hard drive
(C)   DVD
(D)   Cloud

1.3   A compact keyboard is typically used with:

(A)   Desktops
(B)   Laptops
(C)   Printers
(D)   Projectors

1.4   Storage access time refers to:

(A)   The speed at which data is transmitted over a network
(B)   The time it takes to retrieve data from storage
(C)   The size of the storage device
(D)   The speed of the CPU

1.5   What does DVI stand for?

(A)   Digital Video Interface
(B)   Data Video Information
(C)   Digital Visual Integration
(D)   Data Visual Interface

1.6   RAID in storage technology stands for:

(A)   Random Access Input Data
(B)   Redundant Array of Independent Disks
(C)   Random Array of Inbuilt Disks
(D)   Reliable Access of Input Data

1.7   What is the main purpose of encryption?

(A)   Increase system performance
(B)   Protect sensitive data
(C)   Organize files
(D)   Speed up internet access

1.8   The primary purpose of biometrics is:

(A)   Encrypting data
(B)   Managing files
(C)   Identifying individuals
(D)   Compressing files

1.9   Which of the following is a method of output?

(A)   Typing
(B)   Scanning
(C)   Printing
(D)   Touchscreen

1.10   Which of the following is NOT an operating system?

(A)   Linux
(B)   Windows
(C)   MacOS
(D)   USB

QUESTION 2: True Or False   [10 Marks]

Read the statements below and state whether they are true or false.

2.1   A standard keyboard typically has fewer keys than a compact keyboard.

2.2   Digital video is an output method that delivers video content on devices like monitors or projectors.

2.3   Cloud storage requires a physical medium to store data.

2.4   DVI is primarily used for transmitting high-definition video signals.

2.5   Enterprise storage refers to large-scale storage systems used by organizations.

2.6   Optical discs, such as CDs and DVDs, are slower than hard drives in data access time.

2.7   The main function of the operating system is to manage hardware and software resources.

2.8   A microphone is an output device.

2.9   Data stored in memory is volatile, meaning it is lost when the power is turned off.

2.10   Digital security helps protect against unauthorized access to computer systems.

QUESTION 3: Fill in missing Word/Phrase   **[5 Marks]**

3.1   …………………………………………………….is the technology used for recognizing fingerprints.

3.2   A …………………………………….is a device that is primarily used to output printed documents.

3.3   The temporary storage that a computer uses to store running programs is the
       ………………………….

3.4   ……………………………is the term for a program that manages hardware and software on a
       computer?

3.5   …………………………is the type of storage medium that uses lasers to read and write data.

QUESTION 4: Structured Questions   **[25 Marks]**

Answer each of the following questions.

4.1   Explain the terms Input, Data, Information and instructions in Information Systems.
                                                                         (8)

4.2   Compare the use of LED and LCD displays in business environments, focusing on image
       quality, power consumption, and durability   (6)

4.3   List five (5) display quality aspects you should consider when selecting a display device.
                                                                         (5)

4.4   What are the four (4) basic categories of output while working with a computer.
       Name and Discuss any three (3).   (6)

QUESTION 5: Structured Questions   **[30 Marks]**

Answer each of the following questions.

5.1   Briefly explain 5 advantages of encryption.   (10)

5.2   Name and discuss any two common methods of encryption.   (4)

5.3   List and explain four (4) methods of security theft.   (8)

5.4   How can unethical actions in information technology harm individuals and society?
       Discuss 3 aspects of how such actions can be damaging to People. (6)

5.5   What is the difference between a standard keyboard and a compact keyboard?   (2)

QUESTION 6: Structured Questions   **[20 Marks]**

Answer each of the following questions.

6.1   Differentiate between application software and system software. Provide examples thereof.   (6)

6.2   Clearly outline the difference in Storage and Memory in computer information systems.   (4)

6.3   Explain enterprise storage and its importance for large organizations.   (10)

TOTAL: 100 MARKS