



**NAMIBIA UNIVERSITY  
OF SCIENCE AND TECHNOLOGY  
FACULTY OF COMMERCE, HUMAN SCIENCES AND EDUCATION**

**DEPARTMENT OF GOVERNANCE AND MANAGEMENT SCIENCES**

<b>QUALIFICATION: BACHELOR OF BUSINESS AND INFORMATION ADMINISTRATION</b>	
<b>QUALIFICATION CODE:</b> 07BBIA	<b>LEVEL:</b> 5
<b>COURSE CODE:</b> BIS511S	<b>COURSE NAME:</b> BUSINESS INFORMATION SYSTEMS 1A
<b>SESSION:</b> JULY 2024	<b>PAPER:</b> THEORY PAPER 2
<b>DURATION:</b> 2 HOURS	<b>MARKS:</b> 100

<b>SECOND OPPORTUNITY EXAMINATION QUESTION PAPER</b>	
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<b>INSTRUCTIONS</b>
<ol style="list-style-type: none"><li>1. Answer ALL the questions.</li><li>2. Write clearly and neatly.</li><li>3. Number the answers clearly.</li></ol>

**THIS QUESTION PAPER CONSISTS OF 6 PAGES (INCLUDING THIS FRONT PAGE)**

**QUESTION 1****[10]**

- 1.1 This Game Console features a wireless motion-sensing controller that looks like a TV remote
- a) Xbox
  - b) PlayStation
  - c) Wii
  - d) Atari
- 1.2 This type of computer is found in large installations of machinery, e.g. factory controllers, traffic lights and aircrafts
- a) Embedded computers
  - b) Supercomputers
  - c) Mainframes
  - d) Servers
- 1.3 This type of Personal Computer is a thin, light-weighted and mobile
- a) Laptop
  - b) Desktop
  - c) Notebook
  - d) Tablet
- 1.4 A box-like case that contains electronic components of the computer that is used to process data is called a:
- a) Box-like unit
  - b) System unit
  - c) Motherboard
  - d) None of the above
- 1.5 Which of the following are individual computer users with advanced skills, knowledge, experience and capabilities.
- a) Mobile Users
  - b) SOHO User
  - c) Power Users
  - d) Large Business User
- 1.6 Which type of Server is housed in a slot (bay) on a metal frame?
- a) Blade Server
  - b) Rack Server
  - c) Tower Server
  - d) Virtual Server

- 1.7 This concept is described as a unit that performs arithmetic, comparison and other operations. E.g. basic calculations such as addition, subtraction, multiplication and division.
- a) Control Unit
  - b) Mainframe
  - c) Super Computer
  - d) ALU
- 1.8 ..... means that you have the knowledge and understanding of computers and their uses.
- a) Digital Computing
  - b) Computer Literacy
  - c) Computer Fluency
  - d) None of the above
- 1.9 ..... holds data waiting to be executed.
- a) Memory cards
  - b) Projector
  - c) Processor
  - d) Memory
- 1.10 SOHO stands for:
- a) Small Office Home Office
  - b) Self Operating Home Office
  - c) Southern Office Handling Offense
  - d) None of the above

**QUESTION 2****[10]**

Match the following concepts in Column A with the definitions in Column B. Write down the question number and then the correct letter from Column B that matches that of Column A. e.g. 1.1 F

<b>COLUMN A</b>	<b>COLUMN B</b>
2.1 Data	a) Anyone who communicates with a computer or utilises the information it generates
2.2 Mega byte	b) Image that represents a program instruction or other object.
2.3 User	c) Notebook computer.
2.4 Utility program	d) Set of instructions programmed on a hardware device stored in the ROM
2.5 Icon	e) Collection of unprocessed items
2.6 PDA	f) A hardware device used to display processed data to information.
2.7 Firmware	g) Million bytes.
2.8 Output devices	h) It records (writes) and/or retrieves (reads) items to and from storage media.
9.9 Wi-fi	i) Provides personal organiser functions such as notepad, a calendar, address book, etc.
2.10 Storage devices	j) Allows a user to perform maintenance type tasks usually related to managing a computer, its devices or its programs.
	k) Uses radio signals to provide high-speed internet and network connections to computers and devices.

**QUESTION 3****[5]**

- 3.1 Another type of expansion slot, that will only be found on much older computers is a .....
- 3.2 One or more disk drives are stored in a .....
- 3.3 An ..... is a circuit board that connects to peripherals and/or improves the functionality of a system unit component.
- 3.4 A ..... is a collection of computers and devices connected together, often wirelessly, via communication devices and transmission media.
- 3.5 ..... companies are maintain a database of all clients with information showing Procedure to continue with policies or start date s of policies.

**QUESTION 4****[5]**

Write down one word/phrase for the following statements:

- 4.1 Given the same input the computer will produce the same results.
- 4.2 A large, expensive, powerful computer that can handle hundreds of thousands of connected users simultaneously.
- 4.3 A set of data grouped together and given a name.
- 4.4 It is the basic unit of information in a computer.
- 4.5 Is an electronic version of a printed book, readable on computers or other digital devices.

**QUESTION 5****[(20)]**

- 5.1 Briefly define the following terms: (6)
- (a) Blade server
- (b) Handheld computer
- (c) Program
- 5.2 Give an example of a common product that has an embedded computer and describe what an embedded computer is. (3)
- 5.3 The user can interact and take on several roles depending on what he or she wants do accomplish with their computer systems. Please list these roles of users. (5)
- 5.4 Name and explain four (3) advantages of computers. (6)



**QUESTION 6** **[20]**

- 6.1 Mention and explain 4 Hardware Components of a Computer (8)
- 6.2 List four examples of mobile devices and explain two. (6)
- 6.3 This hardware component enables a computer to send (transmit) and receive data, instructions and information to and from one or more computers, e.g. a modem. Discuss at least 4 such communication devices (8)
- 6.4 Explain the two types of system Software. (4)
- 6.5 Briefly outline the difference between an internal bay and an external bay. (4)

**QUESTION 7** **[30]**

- 7.1 Provide five differences of the Random Access Memory (RAM) vs the Read Only Memory (ROM). (10)
- 7.2 Explain ports and at least two examples of how they interact with connectors. (6)
- 7.3 There are different types of Dedicated Servers, list and explain 5. (10)
- 7.4 Name four (4) types of removable flash memory devices (4)