∩AMIBIA U∩IVERSITY
OF SCIE∩CE A∩D TECH∩OLOGY

FACULTY OF COMMERCE; HUMAN SCIENCE AND EDUCATION

DEPARTMENT OF MANAGEMENT

QUALIFICATION: BACHELOR OF BUSINESS AND INFORMATION ADMINISTRATION	
QUALIFICATION CODE: 07BBIA	**LEVEL:** 5
COURSE CODE: BIS511S	**COURSE NAME:** BUSINESS INFORMATION SYSTEMS 1A
SESSION: JULY 2022	**PAPER:** THEORY PAPER 1
DURATION: 2 HOURS	**MARKS:** 100

SECOND OPPORTUNITY EXAMINATION PAPER	
EXAMINER(S)	MS D OLIVIER
MODERATOR:	MS S DU PLESSIS

INSTRUCTIONS
1. Answer ALL the questions.
2. Write clearly and neatly.
3. Number the answers clearly.

THIS QUESTION PAPER CONSISTS OF 8 PAGES (Including this front page)

QUESTION 1   (20 MARKS)

Please choose the correct answer from each question. Only write down the correct answer,
e.g. 1.1 C.

1.1   This type of Personal Computer is a thin, light-weighted and mobile

        a)   Laptop
        b)   Desktop
        c)   Notebook
        d)   Tablet

1.2   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

1.3   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

1.4   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

1.5   This Game Console features a wireless motion-sensing controller that looks like a TV
        remote

        a)   Xbox
        b)   PlayStation
        c)   Wii
        d)   Atari

1.6   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

1.7   ………………………… holds data waiting to be executed.

   a)   Memory cards
   b)   Projector
   c)   Processor
   d)   Memory

1.8   SOHO stands for:

   a)   Small Office Home Office
   b)   Self Operating Home Office
   c)   Southern Office Handling Offense
   d)   None of the above

1.9   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

1.10   For what do we use computers in the Medical field?

   a)   Patient history, Patients monitoring and Hospital Management System
   b)   Patients monitoring, Hospital Management System and screening them
   c)   Monitoring patients, automating day to day procedures and recording data
   d)   Managing the hospital, recording data from patients and monitoring the patients.

1.11   ………………………………….. 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

1.12   Which two devices are hot spot enabled?

    a)   Wi-Fi devices and Bluetooth devices
    b)   Bluetooth and Hi-tech devices
    c)   Hi-tech devices Bluetooth devices
    d)   All of the above

1.13   This is a circuit board containing the principal components of a computer or other device, with connectors for other circuit boards to be slotted into.

    a)   Box-like unit
    b)   System unit
    c)   Motherboard
    d)   None of the above

1.14   When processed data becomes information this process is called………

    a)   Processed information
    b)   Data
    c)   Output
    d)   Information

1.15   …………… is a type of interface that connects a device to the system unit by transmitting data one bit at a time

    a)   Parallel port
    b)   Serial port
    c)   USB ports
    d)   FireWire port

1.16   …………………………………….. means that you can navigate the digital world successfully.

    a)   Digital Computing
    b)   Computer Literacy
    c)   Computer Fluency
    d)   None of the above

1.17   The following are characteristics of a tablet?

    a)   A tablet is usually smaller than a laptop but larger than a phone
    b)   Thin, lighter-weight mobile computer
    c)   Has a touch screen
    d)   All of the above

1.18   Three of the answers below describe to us how computers can be found useful in society. Which is the correct answer, according to the notes you have received?

        a)   Home, Education and Industry
        b)   Education, Home and Social Communication
        c)   A and B
        d)   Only A

1.19   The following are examples of mobile devices:

        a)   Portable & Digital Media Players
        b)   E-book readers
        c)   a and b
        d)   Laptop computer

1.20   What is the approximate capacity that a Gigabyte represents?

        a)   1 trillion
        b)   1 million
        c)   1 thousand
        d)   1 billion

QUESTION 2 – ABBREVIATIONS   (10 MARKS)

Complete the following abbreviations in full:

2.1   FTP

2.2   PCI

2.3   ECG

2.4   DC

2.5   ISA

2.6   CAD

2.7   CPU

2.8   FSB

2.9   RAM

2.10   ALU

QUESTION 3   (10 MARKS)

Provide the correct answer to the following questions, select TRUE or FALSE.

3.1   A computer that can perform all of its input, processing, output and storage
       activities by itself is described as a personal computer.

3.2   A tablet can run on batteries and power supply.

3.3   A handheld tablet or other device that is made for portability and is both compact
       and light in weight is called a mac book.

3.4   A very advanced and sought-after game is the Xbox, this was established by
       Nintendo.

3.5   A web client is the requesting program associated with the user.

3.6   A computer that is integrated into other devices and is dedicated to the functions of
       that device is called a desktop computer.

3.7   A computer bus is the connection between 2 or more devices.

3.8   CD drives and DVD drives are not examples of computer bays.

3.9   RAM is permanent and ROM is temporary.

3.10   The system board is the core circuit board of the computer.

QUESTION 4   (10 MARKS)

Write one word or phrase for the following statements:

4.1   Computers have improved productivity in many ways, however, they have also
       replaced the skills of millions of employees.

4.2   Controls access to the hardware, software and other resources on a network and
       provides a centralized storage area for programs, data and information.

4.3   Anyone who communicates with a computer or utilizes the information it generates.

4.4   Allows a user to perform maintenance-type tasks usually related to managing a
       computer, its devices or its programs.

4.5   Given the same input the computer will produce the same results.

4.6   A set of data grouped together and given a name.

4.7 Controls how you enter data and instructions and how information is displayed on the screen.

4.8 A collection of computers and devices connected, often wirelessly.

4.9 .... is a location that saves a file extension.

4.10 Conveys meaning and is useful to people.

QUESTION 5

Define the following terms: (10 MARKS)

5.1 Computer (2)

5.2 Servers (2)

5.3 Network (2)

5.4 Processor (2)

5.5 Computer program (2)

QUESTION 6 (40 MARKS)

6.1 Define PDA and explain its function. (2)

6.2 In the modern age we live in today there are many devices we use to communicate, however, please state which are the two most common types of personal computers we use? (2)

6.3 Explain a mobile device and name the three main characteristics of mobile devices. (5)

6.4 Briefly explain in your own words, what is the function of a rack server? (2)

6.5 Provide another word for a laptop. (1)

6.6 List five dedicated servers and explain two of them. (7)

6.7 What is a super computer and which country holds the number one position for inventing the best super computers? (3)

6.8 Explain what an embedded computer is and give one example of where it is used. (3)

6.9   Who are the manufacturers of the game console called Wii?   (1)

6.10   List four examples of mobile devices and explain two.   (6)

6.11   Name two other game consoles, other than the Wii.   (2)

6.12   List five types of servers.   (5)

6.13   A large, expensive and powerful computer that can handle hundreds or thousands
       of connected users simultaneously is called a?   (1)

Paper Total: 100