



**NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY**

FACULTY OF COMMERCE, HUMAN SCIENCES AND EDUCATION

DEPARTMENT OF GOVERNANCE & MANAGEMENT SCIENCES

QUALIFICATION : BACHELOR OF BUSINESS AND INFORMATION ADMINISTRATION	
QUALIFICATION CODE: 07BBIA	LEVEL: 6
COURSE CODE: BIS611S	COURSE NAME: Business information systems 2A
SESSION: June 2023	PAPER: THEORY (PAPER 1)
DURATION: 2 HOURS	MARKS: 100

1st OPPORTUNITY EXAMINATION QUESTION PAPER	
EXAMINER:	Dr. N. ANGULA
MODERATOR:	MS A. SCHROEDER

INSTRUCTIONS
<ol style="list-style-type: none">1. Answer ALL the questions.2. Read all the questions carefully before answering.3. Number the answers clearly

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

Answer the following multiple-choice questions. Only write down the question number and the correct answer. E.g. 1.1 C

Section A: Multiple choice questions

- 1.1 A group of related hardware units or programs or both, especially when dedicated to a single application is:
- A A computing system
 - B A hardware
 - C Software
 - D Database
- 1.2 It collects, processes, stores, analyses and disseminates information for a specific purpose:
- A Computing software
 - B An information system
 - C Software
 - D Hardware
- 1.3 It is an information system that uses computer technology to perform some or most of its intended tasks:
- A Software and hardware
 - B Computing system
 - C Information system
 - D A computer-based information system (CBIS)
- 1.4 It is the detailed instructions that control the operation of a computer system:
- A Monitor
 - B Motherboard
 - C Software
 - D Hardware

- 1.5 It is a set of computers connected linked together to share resources and facilitate communication between individuals:
- A People
 - B Network
 - C Database
 - D Hard drive
- 1.6 This type of information system support managers by providing managers access to all FAIS and basically any type of information system within the business:
- A Decision Support System (DSS)
 - B Real processing
 - C Processing decision
 - D Batch processing
- 1.7 This means to study, identify, change, and monitor business processes:
- A Business process unit
 - B Business process monitoring
 - C Business process management
 - D Business process reengineering
- 1.8 The principles of right and wrong that individuals use to make choices that guide their behaviour:
- A Policy documents
 - B value
 - C Moral
 - D Ethics
- 1.9 Which term is described as unprocessed, unorganised facts and figures about a given situation that still has to be processed and organised:
- A Database
 - B Knowledge
 - C Information
 - D Data
- 1.10 Data that's stored on a server or computer that rot due to age or temperature variations is called:
- A Data degradation
 - B Data rot
 - C Data security
 - D Data mining

[10 marks]

Section B: Structured questions**[90 Marks]****Answer each of the following questions:****Questions 1**

Providing technical support for clients and business operations are two of the most important aspects of information technology and information systems.

With the use of examples, differentiate the phrases information technology and information system in modern corporations. **[10]**

Question 2

Assume you are the information system manager for a local Namibian corporation.

State and describe the five types of information systems that your organisation can use to disseminate information to managers and other organisational leaders in real time. **[10]**

Question 3

Any organisation's information systems have both beneficial and negative effects. Discuss and explain the five impacts and significance of information systems on organisations in a modern society. **[10]**

Question 4

Computer-based information systems are critical components of every computing system.

Define the term computer-based information systems and their application in modern businesses using five examples. **[10]**

Question 5

There are multiple types of computer-based information systems components. Outline and explain the functions of the five essential components of a computer-based information system. **[10]**

Question 6

Assume you are a software developer at Telecom Namibia, and your responsibility is to develop an information system for your company. Identify examples to illustrate how Enterprise Resource Planning is used in modern organisations and discuss the five importance of Enterprise Resource Planning in today's business. [10]

Question 7

Many organisations today struggle greatly with data management due to the prevalence of big data terms in business operations. Identify and describe five solutions organisations can implement to address data management challenges using data governance in modern organisations. [10]

Question 8

A database is one of the management tools that many firms employ for data management. Outline and explain five problems that can be minimised by using the database approach in modern organisations. [10]

Question 9

Knowledge management provides your teams with the information and resources they require to perform their duties effectively. State and explain five types of knowledge management systems in organisation. [10]

[Section B Total Marks: 90]

End of examination

TOTAL: 100
