



**NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY**

**FACULTY OF COMMERCE, HUMAN SCIENCES & EDUCATION
DEPARTMENT OF GOVERNANCE AND SCIENCES, HOSPITALITY, TECHNICAL AND
VOCATIONAL EDUCATION AND TRAINING**

QUALIFICATION: BACHELOR OF BUSINESS AND INFORMATION ADMINISTRATION	
QUALIFICATION CODE: 07BBIA	LEVEL: 6
COURSE: BUSINESS INFORMATION SYSTEMS 2A	COURSE CODE: BIS611S
DATE: JULY 2025	SESSION: PAPER 2
DURATION: 2 HOURS	MARKS: 100

2nd OPPORTUNITY EXAMINATION QUESTION PAPER	
Examiner:	Mrs. H. Shivute / Mrs. P. Louw
Moderator:	Prof. N. Angula

INSTRUCTIONS	
1.	Answer ALL the questions.
2.	Read all the questions carefully before answering.
3.	Make sure your student number and question number appear on the answer script.
4.	Please ensure that your writing is legible, neat and presentable.

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

SECTION A: MULTIPLE CHOICE

QUESTION 1

[10 Marks]

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

- 1.1 A system that collects, processes, stores, analyses and disseminates information for a specific purpose:
- A. Information Technology
 - B. A computer-based information system
 - C. Information Systems
 - D. Database
- 1.2 It is a sequence of activities or a chain of events where inputs are transformed into valuable outputs:
- A. Value chain model
 - B. Primary activities
 - C. The value chain
 - D. Support activities
- 1.3 The means to identify, study, change and monitor business processes:
- A. Business process monitoring
 - B. Business process reengineering
 - C. Business process unit
 - D. Business process management
- 1.4 This is a type of business pressure:
- A. Economical pressure
 - B. Finance pressure
 - C. Organisational pressure
 - D. Market pressure

- 1.5 It supports a specific group of Individuals within the organisation:
- A. Electronic Commerce(e-commerce) Systems (ECS)
 - B. Office Automation Systems (OAS)
 - C. Interorganisational Information systems (IOS)
 - D. Transaction Processing Systems (TPS)
- 1.6 This is described as an ongoing collection of related activities that create a product or a service of value to the organization:
- A. A system
 - B. A business process
 - C. Support activities
 - D. Business restructuring
- 1.7 The principles of right and wrong that individuals use to make choices that guide their behaviour:
- A. Moral
 - B. Value
 - C. Ethics
 - D. Privacy
- 1.8 This is described as numbers, letters, figures, sounds, video or images:
- A. Information
 - B. Knowledge
 - C. Data
 - D. Resources
- 1.9 This processed or interpreted data give meaning to the user:
- A. Information
 - B. Data
 - C. Knowledge
 - D. Resources

- 1.10 A repository of historical data that are organised by subject to support decision makers in the organisation:
- A. Data mart
 - B. Data warehouses
 - C. Data storage
 - D. Data security

SECTION B: STRUCTURED QUESTIONS

[100 Marks]

Answer each of the following questions:

QUESTION 1

[10]

The components of computer-based information systems come in a variety of forms. List the five (5) key elements of a computer-based information system and describe their purposes.

QUESTION 2

[10]

Information technology has an effect on our daily lives wherever we find ourselves at. Identify positive and negative societal effects of the increased use of IT.

QUESTION 3

[10]

There are a lot of different types of information systems that can be used in an organization. State and describe five (5) types of information systems that you can use in your organisation assuming you are the Business information system manager.

QUESTION 4

[10]

Porter's five (5) forces model is a powerful tool for an organisation to use to gain a competitive advantage over a rival company. Indicate and elaborate on the tools developed by Michael Porter to gain competitive advantage.

QUESTION 5

[10]

Nowadays many organisations struggle greatly with data management due to the prevalence

of big data terms in the operations of their organisations. Name and describe five (5) challenges that organisations encounter with data management

QUESTION 6

[10]

Outline the impact and importance of information systems in modern organisation.

QUESTION 7

[10]

A threat in information security is anything that has the potential to cause serious damage to information or information systems. List and describe 10 types of intentional threats or attacks.

QUESTION 8

[8]

Ethics are extremely crucial in information technology, especially in modern organisations. Outline and explain the four (4) categories of ethical issues related to information technology.

QUESTION 9

[2]

Define the term corporate ethics in modern society.

QUESTION 10

[10]

Describe the steps in the knowledge management system cycle used in modern society.

[Section B Total Marks:100]

End of examination

TOTAL: 100
