



**NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY**

FACULTY OF COMMERC, HUMAN SCIENCES AND EDUCATION

DEPARTMENT OF GOVERNANCE & MANAGEMENT SCIENCES

QUALIFICATION : BACHELOR OF BUSINESS AND INFORMATION ADMINISTRATION	
QUALIFICATION CODE: 07BBIA	LEVEL: 7
COURSE CODE: BIS721S	COURSE NAME: BUSINESS INFORMATION SYSTEMS 3
SESSION: JULY 2024	PAPER: THEORY (PAPER 2)
DURATION: 2 HOURS	MARKS: 100

2nd OPPORTUNITY EXAMINATION QUESTION PAPER	
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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 The Internet has transformed the way we do business and networking, and the Internet is the foundation for commerce in the:
- A 31st century
 - B 21st century
 - C 20th century
 - D 30th century
- 1.2 A switch has more intelligence than a hub and it can filter and forward data to a specified destination on the:
- A Network
 - B Network protocol
 - C Wide area network (WAN)
 - D A computer-based information system
- 1.3 The architecture is basically the blueprint of how all computers, printers, laptops and other devices like phones, cellphones and smartphones are connected in a:
- A Unshielded twisted pair
 - B Shielded twisted pair.
 - C Network
 - D Twisted pair cables
- 1.4 This is the initial or preliminary investigation that must take place to gather information.
- A The third phase
 - B The first phase
 - C The second phase
 - D The fourth phase
- 1.5 Enterprise computing also emerged in the late:
- A 1990s
 - B 1991s
 - C 1992s
 - D 1993s
- 1.6 These types of reports are unscheduled and are only produced on demand from management:
- A Demand or ad hoc reports
 - B Exception reports
 - C V-Shape methodology
 - D Push reports

- 1.7 These are used to find the optimum value for a variable under agreed circumstances:
- A Sensitivity analysis models
 - B Backward analysis sensitivity models
 - C Optimisation analysis models
 - D Forecasting models
- 1.8 These decisions are mostly made by middle management at tactical level:
- A Semi-structured decisions
 - B Interviews
 - C Unstructured decisions
 - D Questionnaires
- 1.9 This provides critical information from a wide variety of internal and external sources in easy-to-use displays to executives and managers:
- A Executive Information Systems (EIS)
 - B Strategic Information Systems
 - C Transaction Processing Systems (TPS)
 - D Management information Systems
- 1.10 It is an expert system that is developed when decision-making can't be supported using traditional methods:
- A Business analytics (BA)
 - B Knowledge driven DSS
 - C Decision Support Systems (DSS)
 - D Executive Information Systems (EIS)

[10 marks]

Section B: Structured questions**[90 Marks]****Answer each of the following questions:****Questions 1**Outline and discuss five types of network topology found in any organisation? **[10]****Question 2**

Explain the meaning of the word "business intelligence" and the forms of information that are produced by it in an organisation using business analytical tool? Discuss five points with the use of examples?

[10]**Question 3**

Discuss five reasons why would you say it is a good idea to make use of the Verification and Validation methodology?

[10]**Question 4**

You are picked by your employer to manage system development projects. Why is it so crucial to consider the system development life cycle when developing a system? Discuss five points and explain each?

[10]**Question 5**

Information systems are useful for organizations at every level of organization.

Using cases, what characteristics show information systems at an organization's operational level? Give five examples to support your discussion.

[10]**Question 6**

Using five scenarios, describe the five importance of information systems in modern organizations.

[10]**Question 7**Identify and elaborate five components of a Decision Support System (DSS). **[10]**

Question 8

Outline and explain five stages in the decision-making process? [10]

Question 9

Assume you work for Telecom Namibia as a network engineer. Identify the network components you will need to set up your Telecom lab's network? Discuss any five network components and explain each network component. [10]

[Section B Total Marks: 90]

End of examination

TOTAL: 100
