



FACULTY OF COMMERCE;
EDUCATION

NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY

HUMAN SCIENCE AND

DEPARTMENT OF MANAGEMENT

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| QUALIFICATION: BACHELOR OF BUSINESS AND INFORMATION ADMINISTRATION | |
| QUALIFICATION CODE: 07BBIA | LEVEL: 6 |
| COURSE CODE: BIS611S | COURSE NAME: Business information systems 2A |
| SESSION: JULY 2022 | PAPER: THEORY (PAPER 2) |
| DURATION: 2 HOURS | MARKS: 100 |

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| SECOND OPPORTUNITY EXAMINATION QUESTION PAPER | |
| EXAMINER(S) | DR. N. ANGULA MRS. S. DU PLESSIS |
| MODERATOR: | MRS DEONI OLIVIER |

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| INSTRUCTIONS |
| 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)

QUESTION 1**MARKS: 10**

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. Which of the following are the components of information system? **(1 mark)**
 - (a) CEOs, employees, managers
 - (b) Technology, places, and computer
 - (c) Organizations, people, and technology
 - (d) Data management technology, IT, and computer software
 - (e) All of the above

2. The process of converting raw input into meaningful form is: **(1 mark)**
 - (a) Input
 - (b) Processing
 - (c) Output
 - (d) Transformation
 - (e) e. Producing

3. What is IT? **(1 mark)**
 - (a) Hardware and software that a firm uses
 - (b) Type of data mining
 - (c) Processing power of a computer
 - (d) Internet tri-connection
 - (e) Type of internet protocol

4. What does stream of raw facts refer to?
 - (a) Feedback
 - (b) Information
 - (c) Data

- (d) Input
 - (e) Output
5. What three activities that occur in an information system produce the information businesses use to make decisions, control operations, analyse problems and create new products and services? **(1 mark)**
- (a) Input, processing, and output
 - (b) Input, data, processing
 - (c) Input, information, data
 - (d) Processing, input, and data
 - (e) feedback, information, date
6. What term describes the hardware and software businesses use to achieve its objectives? **(1 mark)**
- (a) Information systems
 - (b) Information technology
 - (c) Computer illiteracy
 - (d) Computer hardware
 - (e) Business processes
7. Firms use which of the following as a network to coordinate their activities with other firms for inter-organizational work? **(1 mark)**
- (a) Internet
 - (b) Intranet
 - (c) Extranet
 - (d) Networks
 - (e) All of the above

8. Which system deals with behavioural and technical issues surrounding the development, use and impact of information system used by managers and employees in the firm? **(1 mark)**
- (a) IS
 - (b) IT
 - (c) TPS
 - (d) MIS (management information systems)
 - (e) All of the above
9. How does Input work in an information system? **(1 mark)**
- (a) Captures or collects raw data
 - (b) Converts raw data into a meaningful form
 - (c) Transfers the processed information to people
 - (d) Returned to appropriate members of the organization to help them evaluate
 - (e) All of above
10. What dimension of information systems includes computer hardware, intranet, and the World Wide Web? **(1 mark)**
- (a) People
 - (b) Organization
 - (c) Technology
 - (d) Internet
 - (e) Intranet

Structured questions (90 marks)**Question 1**

With the use of two examples, differentiate between information technology and information systems? [10 marks]

Question 2

Differentiate between hardware and software. Provide two examples for each. [10 marks]

Question 3

State three positive and negative societal effects of the increased use of information technology in today's organisations? [10 marks]

State and describe four types of information systems used in today's organisations? Provide one example for each. [10 marks]

Question 5

Differentiate between business process Re-engineering and Business process? [10marks]

Question 6

State and describe five porter's competitive forces model that can improve an organisation's competitive position in a business environment? [10 marks]

Question 7

List and explain four categories of ethical issues related to information technology in modern organisations? [10 marks]

Question 8

Define and explain the term data, information and knowledge with examples of each as used in information systems? [10 marks]

Question 9

With the use of examples, differentiate between data warehouses and data marts [10 marks]

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| TOTAL: 100 |
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End of examination

Dr. Asa RAsa