



**PAMIBIA UNIVERSITY**  
OF SCIENCE AND TECHNOLOGY

**FACULTY OF COMMERC, HUMAN SCIENCES AND EDUCATION**

**DEPARTMENT OF GOVERNANCE & MANAGEMENT SCIENCES**

<b>QUALIFICATION : BACHELOR OF BUSINESS AND INFORMATION ADMINISTRATION</b>	
<b>QUALIFICATION CODE: 07BBIA</b>	<b>LEVEL: 6</b>
<b>COURSE CODE: BIS611S</b>	<b>COURSE NAME: Business information systems 2A</b>
<b>SESSION: JULY 2024</b>	<b>PAPER: THEORY (PAPER 2)</b>
<b>DURATION: 2 HOURS</b>	<b>MARKS: 100</b>

<b>2<sup>nd</sup> OPPORTUNITY EXAMINATION QUESTION PAPER</b>	
<b>EXAMINER:</b>	<b>Dr. N. ANGULA/Ms P. Witbeen</b>
<b>MODERATOR:</b>	<b>Ms E. Vaino</b>

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

**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 called:
- A Data mart
  - B Database
  - C Information technology
  - D Computing
- 1.2 This is an information system collects, processes, stores, analyses and disseminates information for a specific purpose:
- A Database
  - B Information System (IS)
  - C Hardware
  - D A computer-based information system
- 1.3 It is an information system that uses computer technology to perform some or most of its intended tasks:
- A Functional Area Information System (FAIS)
  - B Enterprise Resource Planning (ERP) systems
  - C A computer-based information system (CBIS)
  - D Interorganisational Information Systems (IOS)
- 1.4 Materials, services and information that flow through and are transformed as a result of process activities is called.
- A Inputs
  - B Resources
  - C Output
  - D Electronic Commerce (e-commerce) Systems (ECS)
- 1.5 It is a management system that includes methods and tools to support the design, analysis, implementation, management and continuous optimisation of core business processes throughout the organisation:
- A Value chain model
  - B The value chain
  - C Business Process Management
  - D Management

- 1.6 These activities relate to the creation, sale, maintenance and support of a product or service:
- A Outbound Logistics
  - B Primary Activities
  - C Inbound Logistics
  - D Operation
- 1.7 The tight integration of the IT function with the organisation's strategy, mission and goals, where the IT function supports the business objectives for the organisation:
- A Business – Information Technology
  - B Cross functional processes
  - C Single functional process
  - D Business Process
- 1.8 The principles of right and wrong that individuals use to make choices that guide their behaviour:
- A Digital security
  - B Code
  - C Principles
  - D Ethics
- 1.9 This refers to the transmission of information from one device to another and the protection of this information not being intercepted by cyber criminals:
- A Vulnerability
  - B Attack
  - C Threat
  - D Digital security
- 1.10 This refers to problems experienced with storage devices like servers for instance:
- A Data degradation
  - B Data rot
  - C Data mart
  - D Data mining

**[10 marks]**

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

Suppose you had to explain to a member of your family or one of your closest friends the concept of an information system and of Information Technology. How would you define these two terms? **[10]**

**Question 2**

An informed user is a person knowledgeable about information systems and information technologies. There are several benefits to being an informed user. State and discuss five benefits of being an informed user. **[10]**

**Question 3**

What does the term business process mean? Give five practical example of your understanding of business process? **[10]**

**Question 4**

Read the scenario below and identify the business pressure. What is the IT response?  
Lucy recently gave birth to a beautiful baby girl. She doesn't want to employ a nanny to look after her daughter while she is at work. She decides to work from home with flexi-time. What type of business pressure is reflected here? **[10]**

**Question 5**

There is a chain of specific activities developed by Porter that organisations incorporate into their business strategies, called the Porter's value chain.  
Please elaborate. **[10]**

**Question 6**

There are six characteristics that describe excellent business information IT alignment. Please elaborate. [10]

**Question 7**

Outline ten types of deliberate threats or attack that can happen to modern organisation in IT. [10]

**Question 8**

Identify ten common challenges that organisations experience in data management? [10]

**Question 9**

Define and explain the terms Data, Information and Knowledge according to your understanding. [10]

[Section B Total Marks: 90]

End of examination

<b>TOTAL: 100</b>
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