



**ΠΑΜΙΒΙΑ 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: 6
COURSE CODE: BIS611S	COURSE NAME: Business information systems 2A
SESSION: July 2023	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 It a set of things working together as parts of a mechanism or an interconnecting network; a complex whole:
- A Data mart
 - B Database
 - C information technology
 - D A system
- 1.2 It is an information system that uses computer technology to perform some or most of its intended tasks:
- A Database
 - B Software
 - C Hardware
 - D A computer-based information system
- 1.3 It supports a certain functional area within the organisation:
- A Functional Area Information System (FAIS)
 - B Enterprise Resource Planning (ERP) systems
 - C Transaction Processing System (TPS)
 - D Interorganisational Information Systems (IOS)
- 1.4 It supports operations between more than one organisation.
- A Transaction Processing System (TPS)
 - B Enterprise Resource Planning (ERP) systems
 - C Interorganisational Information Systems (IOS)
 - D Electronic Commerce (e-commerce) Systems (ECS)
- 1.5 It is a sequence of activities or a chain of events where inputs are transformed into valuable outputs:
- A Value chain model
 - B The value chain
 - C Primary activities
 - D Support activities

- 1.6 It produce products or services at the lowest cost in the industry:
- A Cost leadership strategy
 - B Differentiation strategy
 - C Operational effectiveness strategy
 - D Customer-orientation strategy
- 1.7 An ongoing collection of related activities that create a product or a service of value to the organisation, its business partners, and/or its customers:
- A Business Process Re-engineering
 - B Cross functional processes
 - C Single functional process
 - D Business Process
- 1.8 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 Digital security
 - B Threat
 - C Attack
 - D Vulnerability
- 1.9 A system of decision rights and accountabilities for information-related processes, executed according to agreed-upon models which describe who can take what actions with what information, and when, under what circumstances, using what methods:
- A Data governance
 - B Master Data Management
 - C The database approach
 - D Data independence
- 1.10 A low-cost, scaled down version of data warehouse for end users in a strategic business unit is called:
- 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**

Assume you are the IT manager for Secure Matter Solution, and your job is to oversee all IT activities.

State and discuss five-way IT impacts managers and non-managers in modern organisations and society? **[10]**

Question 2

Information systems are critical in today's company operations.

Outline and explain five information systems with practical examples used in modern organisations? **[10]**

Question 3

According to Porter's Generic Strategies model, organisations have three basic strategy alternative options for attaining a competitive advantage.

Name and explain five tools developed by Michael Porter to gain competitive advantage in a business environment? **[10]**

Question 4

Strategic information systems connect organisational demands to cutting-edge information technology.

With the use of examples, explain the term strategic information systems used in modern organisations? **[10]**

Question 5

The goal of having a competitive edge is to set a company apart from its competitors by providing something unique and of superior value to its customers.

Name and explain five strategies used by organisations to gain a competitive advantage within a business environment? **[10]**

Question 6

Enterprise Resource Planning is employed in today's corporate operations and serves its intended purpose.

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

In many businesses, the enterprise resource planning system offers advantages and disadvantages, and it is crucial in the running of any organisation.

What are the five benefits and five drawbacks of an enterprise resource planning system in modern businesses? [10]

Question 8

In modern organisations, ethics are extremely crucial in information technology.

Outline and explain the five categories of ethical issues related to information technology in modern organisations? [10]

Question 9

There are many factors that contribute to the increased vulnerability of information resources.

Identify and explain five factors that contribute to the increasing vulnerability of information resources and provide specific examples of each one in modern society and organisations? [10]

[Section B Total Marks: 90]

End of examination

TOTAL: 100
