



ΠΑΜΙΒΙΑ UNIVERSITY
OF SCIENCE AND TECHNOLOGY

FACULTY OF COMMERCE; HUMAN SCIENCE AND EDUCATION

DEPARTMENT OF GOVERNANCE & MANAGEMENT SCIENCES

QUALIFICATION: BACHELOR OF BUSINESS AND INFORMATION ADMINISTRATION	
QUALIFICATION CODE: 07BBIA	LEVEL: 6
COURSE CODE: BIS621S	COURSE NAME: Business information systems 2B
SESSION: JANUARY 2023	PAPER: THEORY (PAPER 2)
DURATION: 2 HOURS	MARKS: 100

2nd OPPORTUNITY MEMORANDUM	
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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 8 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 Is a telecommunications network that extends over a large geographical distance for the primary purpose of computer networking?
- A LAN network
 - B WAN network
 - C Metropolitan network
 - D Peer-to peer
- 1.2 This term can be defined as an unauthorised use of a work or material in any reproduction, distribution, performance, public display, or transfer to a derivative work without the copyright owner's permission?
- A Copyright infringement
 - B Copyright
 - C Trade marks
 - D Patent
- 1.2 A website that allows many people to add or update information found on the site is referred to as:
- A Web crawler
 - B Google web
 - C Web spider
 - D A wiki
- 1.4 A processing method that involves continuous input, process, and output of data:
- A Real-time processing
 - B Batch processing
 - C Real-time processing
 - D Batch and real-time processing

- 1.5 A CRM solution that's made available (on demand) by a software manufacturer via the internet:
- A Source CRM
 - B Open-source CRM
 - C Mobile CRM
 - D On-demand CRM
- 1.6 An exact class of computerised information systems that support business and organisational decision-making activities:
- A DSS
 - B Real processing
 - C Processing decision
 - D Batch processing
- 1.7 This refers to those supply chains that are electronically simplified between among contributing firms:
- A Electronic commerce
 - B Electronic supply chains (ESC)
 - C Processing transaction
 - D Transaction information processing
- 1.8 A document that details the comprehensive technology-enabled business management processes an organisation uses to guide operational:
- A Information technology (IT) strategic plan
 - B Supply chain management systems
 - C Enterprise resource planning systems
 - D Transaction processing systems
- 1.9 A conceptual model used in project management to describe the stages and tasks involved in each step of a project to write and deploy software:
- A Phase 1
 - B Phase 2
 - C System development life cycle (SDLC)
 - D Phase 3

1.10 A procedure for estimating all costs involved and possible profits to be derived from a business opportunity or proposal:

- A Present value of costs
- B Present value of benefits
- C Benefit cost ratio
- D Cost benefit analysis (CBA)

[10 marks]

Section B: Structured questions (90 Marks)

Answer each of the following questions:

Questions 1

What are the 5 advantages of networks in contemporary organisations? Identify (5) instances of real-world businesses that leverage networking to succeed?

[10]

Question 2

With the use of (5) examples, describe the (5) business models for business-to-business electronic commerce in modern organisations?

[10]

Question 3

State the advantages and risks of Social Computing in contemporary/modern organisations?
State the five (5) Social Computing benefits and five risks.

[10]

Question 4

Why is social computing important in today's businesses and society? Give five (5) points, each with an explanation.

[10]

Question 5

What are the primary distinctions between Social Networking sites and other Online Communities? Identify five (5) instances for each contrast you make between social networking sites and other online communities.

[10]

Question 6

Identify examples to illustrate how Enterprise Resource Planning is used in modern organisations and discuss the (5) importance of Enterprise Resource Planning in today's business?

[10]

Question 7

What are the (5) benefits and (5) drawbacks of an Enterprise Resource Planning system in modern businesses?

Question 8

Identify five (5) and explain specific examples of how Supply Chain Management (SCM) and Customer Relationship Management (CRM) are used in contemporary organisations?

[10]**Question 9**

List and describe the top (5) business intelligence applications used by organisations for data analysis and presentation?

[10]**[Section B Total Marks: 90]****End of examination**

TOTAL: 100
