



**PAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY**

**FACULTY OF COMPUTING AND INFORMATICS
DEPARTMENT OF INFORMATICS, JOURNALISM AND MEDIA TECHNOLOGY**

QUALIFICATION : BACHELOR OF LOGISTICS AND SUPPLY CHAIN MANAGEMENT : BACHELOR OF INFORMATICS	
QUALIFICATION CODE: 07BLSC, 07BAIT	COURSE LEVEL: NQF LEVEL 7
COURSE: ENTERPRISE RESOURCE PLANNING SYSTEMS	COURSE CODE: ERP720S
DATE: NOVEMBER 2022	SESSION: 1
DURATION: 2 ½ Hours	MARKS: 60

FIRST OPPORTUNITY EXAMINATION QUESTION PAPER	
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**THIS EXAMINATION PAPER CONSISTS OF 6 PAGES
(INCLUDING THIS FRONT PAGE)**

Instructions for the students

1. Attempt all questions
2. Use a separate booklet to write your answers
3. Please ensure that your handwriting is legible, neat and presentable

Section A:

[20 marks]

1. The following are examples of software costs **except?** **[1 Mark]**
 - (a) Storage
 - (b) ERP licenses
 - (c) Operating systems
 - (d) Data management systems

2. Which of the following statements **is true** about SAP's organizational data? **[1 Mark]**
 - (a) Many plants can use many shipping points
 - (b) A client can have many plants
 - (c) Many plants can belong to many company codes
 - (d) A company code can have many storage locations

3. _____ is NOT a category of ERP implementation costs **[1 Mark]**
 - (a) Server costs
 - (b) Hardware costs
 - (c) Broader organisational costs
 - (d) Implementation service costs

4. A business process is _____. **[1 Mark]**
 - (a) A collection of activities that has an output at the end
 - (b) A collection of activities that cut across functional boundaries or business units
 - (c) A collection of activities that cuts across various levels of authority
 - (d) A collection of activities with inputs and clear outputs

5. Which of the following extra modules or functions are added into ERP III or third generation ERP products? **Choose the correct answer.** **[1 Mark]**
 - (a) SaaS
 - (b) Social media
 - (c) MRP
 - (d) PLM

6. Which of the following organizational data elements are used in inventory reports? **There are two (2) correct answers.** **[2 Marks]**
 - (a) Material
 - (b) Purchasing organization
 - (c) Storage location
 - (d) Plant

7. Which of the following transactions can increase the value of inventory in a company? **There are two (2) correct answers.** **[2 Marks]**
 - (a) Purchase order
 - (b) Goods issue
 - (c) Goods receipt
 - (d) Post stock count

8. ERP II constitutes of the following modules **except?** **[1 Mark]**
 - (a) PLM.
 - (b) CRM.
 - (c) SRM.
 - (d) MRM.

9. SAP ERP uses Info records which are a combination material and vendor information. Which of the following data is contained in Info record?

There are THREE (3) correct answers

[3 Marks]

- (a) Data on pricing and conditions
- (b) Last purchase order
- (c) Tolerance limits for deliveries
- (d) Customer number

10. In SAP ERP, warehouse personnel are entering a goods receipt referencing a purchase order for stock material. What organizational levels in SAP ERP are required to successfully post the goods receipt?

There are three (3) correct answers.

[3 Marks]

- (a) Plant
- (b) Controlling area
- (c) Storage location
- (d) Company code

11. Which one of the following is not part of condition master data?

There is one (1) correct answer.

[1 Mark]

- (a) Prices
- (b) Discounts
- (c) Freights
- (d) Terms of payment

12. The following organizational data are required when creating a sales order, EXCEPT FOR?

[1 Mark]

- (a) Sales organization
- (b) Distribution channel
- (c) Customer number
- (d) Company code

SECTION B**[40 MARKS]****QUESTION 1****[10 MARKS]**

Explain the following terms as used in Enterprise Resource Planning (ERP) systems:

- i. Business process [2 marks]
- ii. Moving Average price [2 marks]
- iii. Big – Bang implementation [2 marks]
- iv. Thin – Client [2 marks]
- v. Legacy software [2 marks]

QUESTION 2**[8 MARKS]**

In SAP ERP, when an order is created you must enter a requested delivery date for the order and the system will determine the possible delivery date using Backward and/ or forward Scheduling rules.

Using an example(s), explain the two Sales order scheduling rules.

- i. Sales order – Backward scheduling [4 marks]
- ii. Sales order – Forward scheduling [4 marks]

QUESTION 3**[17 MARKS]**

(a) Master data supports everyday Sales processes by being used across software applications, organizational functions and business processes in SAP ERP.

- i. Identify any THREE (3) Master Data that support the Sales process in SAP ERP. [3 marks]
- ii. Describe the contents of each Master Data identified in (i) above [6 marks]

(b) The Order – to – Cash process in SAP ERP is associated with several risks.

- i. Describe any TWO (2) Order – to – Cash risks you are familiar with. [4 Marks]
- ii. Risks in SAP ERP Procurement processes can be minimized by applying specified control measures during transaction processing. Describe the respective control measures for the Risks described in (i) above. [4 marks]

QUESTION 4**[5 MARKS]**

Carefully read the scenario below and answer the questions that follow:

“Following depleted stocks of bicycle frames, Zambikes bought and received FOUR (4) bicycle frames from a local bicycle supplier on the 1st of August 2021. Each frame was bought at a price of N\$70. After several stock movements, there were only two bicycle frames left in stock on the 10th of October 2021. Eight more bicycle frames were bought and delivered on the 18th of October 2021 from the same supplier at a new price of N\$90 each. All the materials at Zimbikes are captured in the SAP ERP system. You are told that the SAP ERP system uses “Moving Average Price” to compute the value of items in stock.

Using information provided in the above scenario. Compute the value of EACH bicycle frame on the 18th of October 2021. [5 marks]

END OF EXAMINATION

