



**NAMIBIA UNIVERSITY  
OF SCIENCE AND TECHNOLOGY**

**FACULTY OF COMPUTING AND INFORMATICS**

**DEPARTMENT OF INFORMATICS**

<b>QUALIFICATION : Bachelor of Information Technology (Business Computing) Bachelor of Informatics</b>	
<b>QUALIFICATION CODE: 80BSBC / O7BAIF</b>	<b>COURSE LEVEL: NQF LEVEL 7</b>
<b>COURSE: Enterprise Resource Planning Systems</b>	<b>COURSE CODE: ERP720S</b>
<b>DATE: July 2025</b>	<b>SESSION: 2</b>
<b>DURATION: 2 Hours</b>	<b>MARKS: 100</b>

<b>SECOND OPPORTUNITY/SUPPLEMENTARY EXAMINATION QUESTION PAPER</b>	
<b>EXAMINER(S):</b>	<b>Mr Johnson Billawer</b>
<b>MODERATOR (S):</b>	<b>Dr Victoria Hasheela</b>

**THIS EXAMINATION PAPER CONSISTS OF 5 PAGES  
(INCLUDING THIS FRONT PAGE)**

**Instructions for the students**

- 1. Answer ALL the questions.**
- 2. Write clearly and neatly.**
- 3. Number the answers clearly.**

**SECTION A: Multiple Choice Questions. Marks for each question are shown at the end.**

**[Total Marks 20]**

1. Which three (3) ways can be used to access the SAP S/4 HANA system? **[3 Marks]**
  - A. Fiori launchpad
  - B. SAP GUI
  - C. Desktop GUI
  - D. SAP WebGUI
  - E. Windows GUI
  - F. OS GUI
  
2. Which help tool provides field explanation in the SAP S/4 HANA ERP system? **[1 Mark]**
  - A. F4
  - B. Context sensitive help
  - C. F1
  - D. Application help
  
3. Which SAP organisational data represents a self-contained unit in a SAP system with separate master records and own set of tables. **[1 Mark]**
  - A. Company code
  - B. Client
  - C. Plant
  - D. Purchasing organisation
  
4. Which two (2) statements best describe the third ERP generation? **[2 Marks]**
  - A. Integrate big data analytics
  - B. Enable connections outside of the enterprise
  - C. Leverages new innovative technologies
  - D. ERP is often referred to as back-office

5. The SAP S/4HANA system contains many organizational levels, which are responsible for particular functional areas. Which of the following organizational units are only relevant to the Procurement business processes? There are two (2) correct answers. **[2 Marks]**

- A. Purchasing organisation
- B. Storage location
- C. Company code
- D. Plant
- E. Purchasing group

7. Purchase order structure consists of the following areas: (There are three (3) correct answers) **[3 Marks]**

- A. Workflow
- B. Header
- C. Item overview
- D. Plant data
- E. Line item

8. You are explaining transactions which can increase a company's liabilities: which two (2) postings are correct? **[2 Marks]**

- A. Goods receipts
- B. Incoming invoices
- C. Vendor/Supplier Payments
- D. Purchase Orders

9. You are explaining how the procurement cycle in SAP S/4HANA integrates with SAP Financial Accounting to a colleague. Which procurement cycle business transaction in SAP S/4HANA will not create a financial accounting document? There are two (2) correct answers. **[2 Marks]**

- A. Create a vendor master record
- B. Post a goods receipt with change in material valuation
- C. Create vendor payment
- D. Create a purchase requisition
- E. Enter an invoice receipt

10. You are describing the material master in S/4HANA. Which two (2) statements are correct? [2 Marks]

- A. The material master can't easily be deleted
- B. The material master has functional segments called Views
- C. The basic data view stores the quantity and unit of measure of a material
- D. The material master can be updated when purchase orders for stock are generated.

11. You are describing implementing an ERP, which two (2) statements are correct?

[2 Marks]

- A. Unlike building software you don't need to test ERPs
- B. Once the software is deployed it can remain stable and unchanged for long periods of time
- C. It follows a divided software lifecycle
- D. It is like buying software and then building it

**SECTION B: Structured Questions. Marks for each question are shown at the end.**

[Total Marks 80]

**QUESTION 1**

[42 Marks]

*Assume that you are employed as an ERP consultant to assist with the SAP S/4HANA ERP implementation project at the Namibian Brewery Ltd. The Business Analyst informed you that the company intends to implement the ERP according to modules as follow: firstly Sales & Distribution, secondly Financial Accounting, Thirdly Materials Management, then the Quality Management module.*

a) Which implementation strategy will you recommend for the scenario above? [2 Marks]

b) Discuss the advantages and limitations associated with the implementation strategy reflected in the scenario. [10 Marks]

c) During which phase of the application management process will the Namibia Brewery Ltd ensure that the system is available for the end users? [2 Marks]

d) Produce a sales order processing (order-to-cash) business blueprint for the Namibian Brewery Ltd. Your illustration should clearly show the ERP data levels and components that are relevant on each level. [12 Marks]

e) Categorise the different ERP costs that the Namibian Brewery Ltd should consider for the ERP implementation project. [16 Marks]

**QUESTION 2** [10 Marks]

A) Differentiate between a thin client and a fat client. [2 Marks]

B) Explain the divided software lifecycle of ERP systems. [5 Marks]

C) What are the three (3) deployment options for the SAP S/4 HANA ERP system? [3 Marks]

**QUESTION 3** [28 Marks]

A) Discuss five (5) ERP integration benefits levels. [15 Marks]

*B. Assume you own a grocery retail and hired four employees to assist you in managing the daily activities. The business has two warehouses for storing all the products received from suppliers.*

i) Why will it be important for you to manage inventory in the shop? [5 Marks]

ii) On a particular day the following transactions occurred in your business. Analyse each statement below and state what type of goods movement is involved.

a) You purchased 20 products from your supplier and re-sell 15 of the products to a customer. [4 Marks]

b) You detected that two products are damaged, hence will not be usable in the business. [2 Marks]

c) You transferred some products from one warehouse to the other. [2 Marks]

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