NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY

FACULTY OF COMPUTING AND INFORMATICS

DEPARTMENT OF INFORMATICS

QUALIFICATION : Bachelor of Information Technology (Business Computing) Bachelor of Informatics	
QUALIFICATION CODE: 80BSBC / O7BAIF	COURSE LEVEL: NQF LEVEL 7
COURSE: Enterprise Resource Planning Systems	COURSE CODE: ERP720S
DATE: June 2024	SESSION: 1
DURATION: 2 Hours	MARKS: 80

FIRST OPPORTUNITY EXAMINATION QUESTION PAPER	
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MODERATOR (S):	Dr Victoria Hasheela-Mufeti

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.

[Total Marks 20]

1. Which SAP ERP system did you use for practical in this course? **[1 Mark]**

    A. SAP R/3

    B. S/4HANA

    C. SAP HANA

    D. SAP R/1

2. Which of the following icons is used to view user profile information on the Fiori Launchpad? **[1 Mark]**

    A.

    B.

    C.

    D.

3. Give an example of a business process. Choose the correct answer. **[1 Mark]**

    A. Driving a car

    B. Reading a book

    C. Baking a cake at home

    D. Recruiting employees

4. You are describing Organizational Data. Which two (2) statements are the most correct? **[2 Marks]**

    A. Financial statements are created at plant level

    B. The Organizational structure is modelled by assigning units to the structure

    C. The company code is the highest organizational element

    D. A client or tenant is a self-contained unit

5. ERP broader organisational costs include_____. There are two (2) correct answers. **[2 Marks]**

    A. Initial productivity losses

    B. Training

C. Change Management

D. Key employee time

6. A purchasing info record is derived from which of the following master records? There are two (2) correct answers. **[2 Marks]**

   A. Conditions

   B. Output

   C. Vendor

   D. Material

7. In SAP S/4HANA, the Sales Order document is made up of three primary areas. There are three (3) correct answers. **[3 Marks]**

   A. Plant

   B. Header

   C. Line item (s)

   D. Controlling area

   E. Schedule Line (s)

8. In the procurement process, which steps follows after vendor shipment has been completed? There are three (3) correct answers. **[3 Marks]**

   A. Goods receipt

   B. Notify Vendor

   C. Purchase order

   D. Invoice receipt

   E. Payment to Vendor

   F. Vendor selection

9. When executing a sales order process in SAP S/4HANA, which ERP modules will be involved? There are three (3) correct answers. **[3 Marks]**

   A. Production Planning (PP)

   B. Materials Management (MM)

   C. Financial Accounting (FI)

   D. Quality Management (QM)

E. Sales and Distribution (SD)

10. When a goods receipt is created for materials received from the Vendor, which two (2) G/L account(s) will be debited and credited?   **[2 Marks]**

    A. Decrease Inventory (credit inventory)

    B. Goods receipt of material from a vendor

    C. Decrease Inventory (credit inventory)

    D. Increase GR/IR liability (credit GR/IR)

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

[Total Marks 60]

QUESTION 1   **[21 Marks]**

Assume you are hired by Zambikes company as an ERP consultant to assist with the SAP S/4HANA implementation project.

a) Produce an organizational structure with SAP data elements and show the relationship between the elements that will be needed to support Zambike's business processes.

[11 Marks]

b) During which phase of the application management process is this organisational structure stated in 1 a) prepared?   **[2 Marks]**

c) Identify the organisational structure/units required to support the Inventory Management process.   **[4 Marks]**

d) What are the four (4) ERP data types/levels that form part of a business blueprint?

[4 Marks]

QUESTION 2   **[16 Marks]**

A) Explain how ERP vendors and ERP adopters contribute to the development and maintenance of ERP systems.   **[4 Marks]**

B) Enterprise systems provide many business and technological benefits. Discuss any four (4) integration benefits that enterprise systems offers to organisations.   **[12 Marks]**

QUESTION 3 [23 Marks]

a) Use the scenario below to answer the questions that follow:

Assume a customer placed an order for products at your company. However, your company does not have the products and it would take four (4) calendar days to have the products (material availability) in stocks from the day of order placement. You are further informed that the order is due in 8 days and the customer required delivery date is on the 8th day (Day 1, Day 2........Day 8). Since all the machines are available you would like to start the production of these products immediately on Day 1.

i) On which day will the production of the new products be completed? [1 Mark]

ii) On which day will you dispatch the products to the customer? [1 Mark]

iii) Which sales order scheduling approach is followed in the scenario? [2 Marks]

iv) Justify your choice of approach in iii). [2 Marks]

v) Which factors need to be considered when determining a delivery timeline?

[4 Marks]

b) Assume you are executing the sales process using the SAP S/4HANA ERP system

i) Identify four (4) master data that are relevant in the sales process? [4 Marks]

ii) Explain the function of a document flow in the sales order process. [3 Marks]

iii) What general risks are likely to be encountered in the sales process? [3 Marks]

iv) What are the possible controls that can be enforced in the ERP systems to eliminate the general risks in the sales process? [3 Marks]

THE END OF EXAM