ΠΑΜΙΒΙΑ UΠIVERSITY
OF SCIEΠCE AΠD TECHΠOLOGY

FACULTY OF COMPUTING AND INFORMATICS

DEPARTMENT OF INFORMATICS, JOURNALISM AND MEDIA TECHNOLOGY

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 2022	SESSION: 1
DURATION: 2 Hours	MARKS: 70

FIRST OPPORTUNITY EXAMINATION QUESTION PAPER	
EXAMINER(S):	Dr Edmore Chikohora Mr Johnson Billawer
MODERATOR (S):	Dr Victoria Hasheela-Mufeti

THIS EXAMINATION PAPER CONSISTS OF 6 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 database does the SAP S/4HANA ERP system runs on? [1 Mark]

    A. SAP R/3

    B. SAP HANA

    C. S/4HANA

    D. SAP R/1

2. Which of the following icons represent the user account on the SAP S/4HANA Fiori Launchpad? [1 Mark]

    A.

    B.

    C.

    D.

3. Which of the following modules is not part of ERP II (ERP 2nd generation)? [1 Mark]

    A. PLM

    B. MRM

    C. CRM

    D. SRM

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

[2 Marks]

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

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

    C. The company code is the highest organizational element

    D. Financial statements are created at plant level

5. You are describing changing an ERP. Which two (2) statements are correct. [2 Marks]

    A. Table configuring is performed by adopters in the ABAP workbench

    B. Modifications are a required part of implementing an ERP

    C. Consultants perform table configuration

    D. An organizational structure once configured is not easy to change

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, warehouse personnel enter goods receipt referencing a purchase order for stock material. What organizational levels in SAP S/4HANA are required to successfully post the goods receipt? There are three (3) correct answers.   [3 Marks]
   A. Plant
   B. Business area
   C. Controlling area
   D. Storage location
   E. Company code

8. Customer master data is typically classified into the following groups. There are three (3) correct answers   [3 Marks]
   A. General data
   B. Company code data
   C. Sales area data
   D. Plant data
   E. Payment data

9. For a sales order process as implemented in SAP S/4HANA, when a billing document is created what integration points occur? There are three (3) correct answers.   [3 Marks]
   A. The customer's credit account is updated
   B. On-hand inventory is decreased
   C. Actual demand is reduced
   D. An open item is posted on the customer's account
   E. Revenue is increased

10. You are explaining the negative impacts of not managing inventory. Which two (2) statements are the most correct.   [2 marks]

A. Poor profit margins

B. Inaccurate cash flow reports

C. Lost sales

D. Production delays

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

[Total Marks 50]

QUESTION 1 **[22 Marks]**

A) Read the scenario provided below and answer the questions that follow;

Pick & Pay is a large retail company originating from South Africa with subsidiaries in many other African countries. In Namibia Pick & Pay has several branches in almost every region. Assume that Pick & Pay Namibia management is considering implementing the SAP S/4HANA Retail module across all its branches.

i) State the six (6) phases of the Information Technology Infrastructure Library (ITIL) application management process that Pick & Pay needs to follow when implementing its ERP system. **[6 Marks]**

ii) During which application management phase will an organisation needs to produce a detailed description (business blueprint) of how the company intends to run its business processes with the ERP software? **[2 Marks]**

iii) Discuss any four (4) integration benefits that Pick & Pay can achieve by implementing an ERP system. **[12 Marks]**

iv) Based on the scenario provided in A), do you classify Pick and Pay as an ERP Vendor or an ERP adopter? Justify your answer. **[2 Marks]**
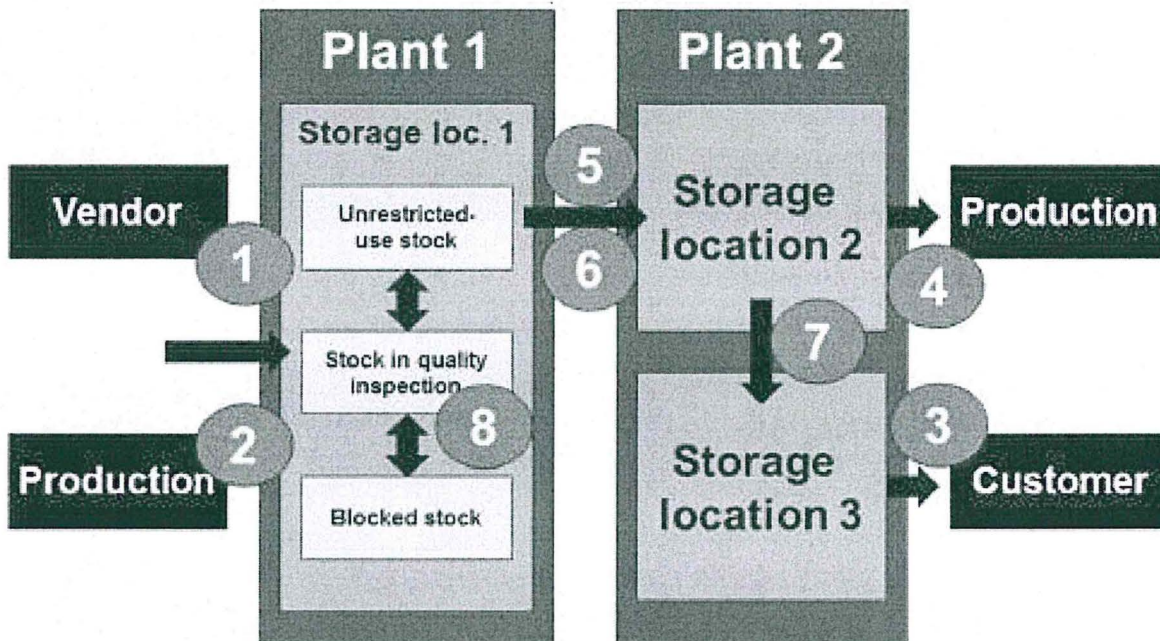
QUESTION 2 [14 Marks]

Figure 1: Types of goods movement in SAP S/4HANA ERP

Analyze figure 1 and answer the questions that follows:

    A) Identify and state the different goods movement types as illustrated in Figure 1. **[8 Marks]**

    B) Explain the difference between a good receipt and a goods issue in the ERP system.
           [2 Marks]

    C) What are the effects of a good receipt in the business context? **[4 Marks]**

QUESTION 3 [14 Marks]

A) Explain how delivery scheduling is arrived at when using the following approaches:

    i. Backward scheduling. **[3 Marks]**

    ii. Forward scheduling **[3 Marks]**

B) Which master data are relevant when creating a sales order? **[4 Marks]**

C) What typical documents are created on the ERP system as part of the sales process. Provide at least 6 documents. **[3 marks]**

D) On the SAP S/4HANA ERP system which tool can be used to display documents that has been processed as part of the sales document? [1 Mark]

THE END OF EXAM