



<b>FACULTY/COLLEGE</b>	<b>College of Business and Economics</b>
<b>SCHOOL</b>	<b>Johannesburg Business School</b>
<b>DEPARTMENT</b>	<b>Transport and Supply Chain</b>
<b>CAMPUS(ES)</b>	<b>APB</b>
<b>MODULE NAME</b>	<b>Storage and Distribution</b>
<b>MODULE CODE</b>	<b>SDM02A2/SDM2A01</b>
<b>SEMESTER</b>	<b>First</b>
<b>ASSESSMENT OPPORTUNITY, MONTH AND YEAR</b>	<b>Supplementary Assessment June 2019</b>

<b>ASSESSMENT DATE</b>	19 July 2019	<b>SESSION</b>	08:30-11:30
<b>ASSESSOR(S)</b>	Mr. H van den Berg		
<b>MODERATOR(S)</b>	Mr. L Jacobs (Internal)		
<b>DURATION</b>	3 hours	<b>TOTAL MARKS</b>	100

<b>NUMBER OF PAGES OF QUESTION PAPER (Including cover page)</b>	6
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**INFORMATION/INSTRUCTIONS:**

- This is a closed-book assessment.
- Answer all the questions.
- ***Answer question 1 on the question paper, hand in the question paper with the answer book.***
- Read the questions carefully and answer only what is required.
- Number your answers clearly and correctly as per the question paper.
- Write neatly and legibly on both sides of the paper in the answer book, starting on the first page.

**QUESTION 1****[20 MARKS]**

Match column A with column B. For example z = 22.

Write down the answers for this question on the test paper in the area provided below this table. **DO NOT** write your answers in your answer sheet.

Column A	Column B
a. Once the location has been chosen, a forklift truck operator is directed to a floor or pallet rack location in the bulk storage area.	1. Custom duty
b. The reference number that will be used to tie the material to the customer PO or packing list reference number.	2. Supplier catalogue site
c. This is the discount granted by manufacturers to distributors.	3. E-sourcing
d. Additional delivery notes for the warehouse.	4. Bill of materials (BOM)
e. Any duties separately payable are added to the basic price.	5. Putaway
f. There will be a software routine which instructs the computer to print out at the appropriate time, instructions as to the items to be checked, and their location.	6. Stock records
g. This type of pricing method is using the actual purchase price of goods issued and it might be applied in two ways: FIFO or LIFO.	7. Rejection
h. Website hosted by an individual firm which displays its product range in an electronic catalogue, allowing customers to order online.	8. Order number
i. This type of pricing method is a predetermined price fixed on the basis of up-to-date knowledge of market prices and conditions.	9. Delivery instructions
j. The manufacturer part number assigned to the material being shipped to the warehouse.	10. Advantage of ERP systems
k. These documents are kept in a form showing quantity, unit price, the value of each transaction and the total value of the balance on hand.	11. Reason for holding stock
l. This type of sourcing uses the internet for the identification of new suppliers.	12. Stock checking
m. Where items are rejected, the inspection department representative signs the appropriate space on the goods-received note as rejected.	13. Mixed pallet picking
n. When standard prices are in use, some arrangements must be made to account for the difference between the actual purchase price of each consignment received.	14. Cost price
o. The capability to streamline different organisational processes and workflows.	15. Product
p. In the course of time, items held in stock may become out of date and of no further use to the organisation.	16. Trade discount
q. Delivery cannot be exactly matched with usage day by day.	17. Line item number

r. A forklift truck operator is directed to pick products from more than one location.	18. Obsolescence stock
s. This is a list showing all the raw materials or components required to make the final product.	19. Standard price
t. This field itemises each product within an order to help with order processing.	20. Variation account

a. \_\_\_\_\_

k. \_\_\_\_\_

b. \_\_\_\_\_

l. \_\_\_\_\_

c. \_\_\_\_\_

m. \_\_\_\_\_

d. \_\_\_\_\_

n. \_\_\_\_\_

e. \_\_\_\_\_

o. \_\_\_\_\_

f. \_\_\_\_\_

p. \_\_\_\_\_

g. \_\_\_\_\_

q. \_\_\_\_\_

h. \_\_\_\_\_

r. \_\_\_\_\_

i. \_\_\_\_\_

s. \_\_\_\_\_

j. \_\_\_\_\_

t. \_\_\_\_\_

**QUESTION 2****[14 MARKS]**

The key objective of an ERP system is to integrate information and processes from all functions of the company, merge it for access, and work flow. Identify the different departments and functions that an ERP system will integrate with and fully explain what the processes will be with your own practical and relevant examples. (7x4=14)

**QUESTION 3****[13 MARKS]**

Lean means developing a value stream to eliminate all waste, including time. Mention all the tools which are associated with 'Lean'.

**QUESTION 4****[7 MARKS]**

There are different stock control needs associated with construction, service and retail organisations. Mention the approach that retail organisations will follow with regards to different stock control measures.

**QUESTION 5****[10 MARKS]**

When an arrangement for stocking on a consignment basis is to be entered into, it is advisable for both parties to formalise the agreement by means of a contract. Identify the questions that will have to be addressed in a contract of consignment stock.

**QUESTION 6****[12 MARKS]**

It may be useful to consider stocks held by an organisation and to categorise them according to the purpose for which they are held. Identify the different classification of stock and give your own example of what you think will represent that particular stock classification.

**[6x2=12]****QUESTION 7****[4 MARKS]**

It is advisable to bring in strategies for safety stock in the warehouse. Mention the four main considerations why safety stock strategies are advisable.

**QUESTION 7****[20 MARKS]**

You are the warehouse manager of ENGEN. You are required to conduct an ABC product/sales analysis on some of ENGEN products in the warehouse and then decide which products must be stored in the "A" (high priority), "B" (medium priority), and "C" (low priority) areas of the warehouse. Please answer this question in the table cited below.

ITEM NAME	UNITS SOLD	ITEM VALUE	ANNUAL REVENUE
MW243	7342	45	
LKO98	10234	15	
BML88	10872	8	
XAR09	3850	10	
TAM88	765	23	
NIM33	2875	5	
LOM12	14987	9	
DAT75	654	8	

SALES	CUMULATIVE VALUE OF TOTAL SALES	CUMULATIVE % OF TOTAL SALES	CUMULATIVE % OF TOTAL ITEMS	ABC CATEGORY

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**TOTAL: 100 MARKS**