

UNIVERSITY OF ESWATINI

FACULTY OF COMMERCE

DEPARTMENT OF BUSINESS ADMINISTRATION

FINAL EXAMINATION PAPER; B.COM F/T, B.ED.BUSINESS F/T&IDE

APRIL 2021

TITLE OF PAPER : PURCHASING & SUPPLY CHAIN MANAGEMENT

COURSE CODE : BUS 435

TIME ALLOCATED : THREE [3] HOURS

INSTRUCTIONS

1. TOTAL NUMBER OF QUESTIONS IN THIS PAPER IS 5
2. THE PAPER CONSISTS OF SECTION A AND SECTION B
3. ANSWER ALL QUESTIONS IN SECTION A WHICH IS COMPULSORY AND THREE [3] QUESTIONS OF YOUR CHOICE IN SECTION B.
4. THE MARKS ALLOCATED FOR A QUESTION OR PART OF A QUESTION ARE INDICATED AT THE END OF EACH QUESTION OR PART OF THE QUESTION.
5. NOTE THAT MAXIMUM MARKS WILL BE AWARDED FOR QUALITY, LAYOUT, ACCURACY, AND EXPLANATIONS FOR STEPS USED TO SOLVE PROBLEMS

THIS PAPER MUST NOT BE OPENED UNTIL PERMISSION HAS BEEN GRANTED BY THE INVIGILATOR.

**SECTION A QUESTION 1. IS ABOUT THE SWAZILAND PUBLIC
PROCUREMENT ACT 2011.**

**The should be attached to this question paper, answer all questions in
this section. do not write anything on the act and submit the Act
together with your answer booklet at the end of exam.**

1.1 What is your opinion about the general adherence, by public sector
organisations, to public sector procurement principles which are stipulated
in the Procurement Act, 2011? **(15 marks)**

1.2 Identify any three public procurement strategies and explain them
giving examples of where they have been used in Eswatini

(15 marks)

1.3 Explain the difference between Eswatini Public Procurement Regulatory
Authority [ESPPRA] and the Tender Board **(10 marks)**

[TOTAL 40 MARKS]

SECTION B: ANSWER THREE (3) QUESTIONS OF YOUR CHOICE

QUESTION 2

- a. Identify and define three costs of quality **(5 marks)**
- b. Discuss the dimensions one can use to measure quality in a service organisation **(15 marks).**

[TOTAL 20 MARKS]

QUESTION 3

A recently registered company is Sitsatsaweni that specialises in the importation of motor vehicle tyres forecasted that it expects to sell 28800 4*4 vehicle tyres in 2022. It The company has determined that annual holding cost per tyre will be E48 and the ordering cost will be E225. You have been recruited as an intern by the company and the manager requested you to :

- a. Calculate the Economic Order Quantity(EOQ) **(5 marks)**
- b. Calculate Total cost of inventory if the EOQ is ordered **(5 marks)**
- c. Determine the number of times orders will be made in a year **(2 marks)**
- d. Diagrammatically illustrate the relationship between total inventory cost and ordering cost and carrying cost **(8 marks)**

[TOTAL 20 MARKS]

QUESTION 4.

An assembly plant is planned to take components from three suppliers (S1, S2, and S3) and send the finished goods to five regional warehouses (W1, W2, W3, W4, and W5). The location of the warehouses and the amounts supplied or demanded are shown in the Table below.

Location	S1	S2	S3	W1	W2	W3	W4	W5
X	6	16	18	12	8	10	18	14
Y	80	40	70	40	60	50	85	75
Supply/Demand	140	80	120	45	65	60	85	70

- a. Using the Centre of gravity theorem where would you start looking for the assembly plant? (15 marks)
- b. Why is the quantitative solution not always the final solution? (5 marks)

[TOTAL 20 MARKS]

QUESTION 5.

In your opinion, how has the COVID-19 pandemic affected the distribution role and capacity of fast moving consumer goods (FMCG) supply chain?

[TOTAL 20 MARKS]

END OF EXAMINATION PAPER: GOOD LUCK!!!