



**HERBERT CHITEPO SCHOOL OF LAW AND BUSINESS
SCIENCES**

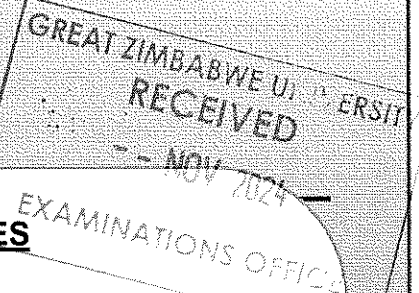
DEPARTMENT OF MANAGEMENT AND HOSPITALITY

MAIN EXAMINATION

BACHELOR OF COMMERCE	PART 2 SEMESTER 1
COURSE	Supply Chain Risk Management
CODE	HLT 212
DATE	2024
DURATION	2 HOURS

INSTRUCTIONS TO CANDIDATES

1. THE PAPER COMPRISES 5 QUESTIONS.
2. YOU ARE REQUIRED TO ANSWER ANY 4 QUESTIONS.
3. BEGIN THE ANSWER TO EACH QUESTION ON A FRESH PAGE OF THE ANSWER BOOKLET.
4. NON-PROGRAMMABLE FINANCIAL OR SCIENTIFIC CALCULATORS ARE ALLOWED INTO THE EXAMINATION.
5. CANDIDATES WILL OBTAIN CREDIT FOR SHOWING ALL WORKINGS AND CITING RELEVANT & CURRENT EXAMPLES.



Question 1

Explain how the following dimensions pose strategic challenges to Global Supply Chains:

- 1.1 Market dimension [5 Marks]
- 1.2 Technology dimension [5 Marks]
- 1.3 Resource dimension [5 Marks]
- 1.4 Time dimension [5 Marks]
- 1.5 Cultural dimension [5 Marks]

Question 2

- 2.1 State and explain the legal principles in an insurance contract. [10 Marks]
- 2.2 Outline and discuss the main characteristics of insurable risk. [15 Marks]

Question 3

Examine the logic behind supply chain risk management being an on-going process [25 Marks]

Question 4

- 4.1 Explain the main components of a Supply Chain. [12 Marks]
- 4.2 Discuss the factors that make Global Supply Chains riskier in the present day than ever before. [13 Marks]

Question 5

Araef Logistics P/L manufactures parts of aviation engines, and these parts are made in batches. Every time a new batch is started it costs \$1 640 in production and lost production and \$280 in wages for the fitters. One items has an annual demand of 1 250 units with a selling price of \$300, 60% of which is direct material and production costs. The corporation looks for a return of 20% a year on capital.

Required:

- Calculate the optimal order size. [10 Marks]
- The optimal time between orders. [5 Marks]
- The optimal variable cost. [5 Marks]
- The optimal total cost. [5 Marks]