



<b>FACULTY/COLLEGE</b>	College of Business and Economics
<b>SCHOOL</b>	School of Management
<b>DEPARTMENT</b>	Transport and Supply Chain Management
<b>CAMPUS(ES)</b>	APK
<b>MODULE NAME</b>	Humanitarian Logistics Response
<b>MODULE CODE</b>	LMA8X08
<b>SEMESTER</b>	Second
<b>ASSESSMENT OPPORTUNITY, MONTH AND YEAR</b>	Supplementary Summative Assessment Opportunity January 2021

<b>ASSESSMENT DATE</b>	January 2021	<b>SESSION</b>	
<b>ASSESSOR(S)</b>	Prof JH du Plessis		
<b>MODERATOR(S)</b>	Dr L Venter		
<b>DURATION</b>	3 hours (180 min)	<b>TOTAL MARKS</b>	180

<b>NUMBER OF PAGES OF QUESTION PAPER (Including cover page)</b>	3
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**INFORMATION/INSTRUCTIONS:**

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- Question papers must be handed in.
- This is a closed book assessment.
- Read the questions carefully and answer only what is asked.
- Number your answers clearly.
- Write neatly and legibly
- Structure your answers by using appropriate headings and sub-headings.
- The general University of Johannesburg policies, procedures and rules pertaining to written assessments apply to this assessment.
- Answer each section on a different answer sheet.

**ANSWER ALL THE QUESTIONS**

**QUESTION 1**

**[30 MARKS]**

The analysis of African supply chain structures and their logistic processes show profound differences to industrialised nations. By utilising the adapted Wolff and Gross framework, design a logistics network for Malawi as to be able to respond to a natural or man-made disaster.

**QUESTION 2**

**[30 MARKS]**

Humanitarian logistics can clearly be considered to be a wicked problem. Analyse the six distinguishing properties of humanitarian wicked problems.

**QUESTION 3**

**[30 MARKS]**

The establishment of the relief support network and its enablers require systematic placement of communication, automation, personnel and facilities to achieve the proper end state. Discuss the Distribution Network Enablers required to provide the proper in-transit visibility necessary to monitor the flow of commodities and equipment through the network.

**QUESTION 4**

**[30 MARKS]**

The distinction between internal and customer-related metrics raises the question of the suitability of adopting such metrics used by for-profit organisations to measure the success of supply network activities in a post-disaster response situation where not-for-profit organisations dominate. Analyse performance measurement in not-for-profit supply networks.

**QUESTION 5**

**[30 MARKS]**

Firefighting is common among organisations in every sector. People rush from one crises to the next, never really fixing problems, just stopping them from getting worse. Describe how firefighting can be avoided in disaster relief operations with specific reference to the Five Building Blocks of Preparedness.

**QUESTION 6**

**[30 MARKS]**

A new project known as Integrated Logistics into Project Planning and Management (ILPPM) was launched to pull together a number of improvement programs in the aftermath of the 2004 Asian Tsunami. Describe the ILPPM project and how Helios software was incorporated into the project.

**[180]**

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