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| FACULTY/COLLEGE | College of Business and Economics |
| SCHOOL | Johannesburg Business School |
| DEPARTMENT | Transport and Supply Chain Management |
| CAMPUS(ES) | APK |
| MODULE NAME | Humanitarian Logistics Response |
| MODULE CODE | LMA8X08 |
| SEMESTER | Second |
| ASSESSMENT OPPORTUNITY, MONTH AND YEAR | Supplementary Summative Assessment Opportunity; January 2020 |

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|------------------------|--------------------|--------------------|-----|
| ASSESSMENT DATE | January 2020 | SESSION | |
| ASSESSOR(S) | Prof JH du Plessis | | |
| MODERATOR(S) | Miss L Venter | | |
| DURATION | 3 hours (180 min) | TOTAL MARKS | 180 |

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| NUMBER OF PAGES OF QUESTION PAPER (Including cover page) | 2 |
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INFORMATION/INSTRUCTIONS:

- 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 initiative for the development of Helios supply management software was taken by the Fritz Institute, a US non-profit organisation based in San Francisco, California. Describe the development of the Helios initiative and how it was incorporated into the Integrated Logistics Project Planning and Management Project. (ILPPM)

QUESTION 2

(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 3

(30 MARKS)

It is quite common in the relevant literature and in actual practice to describe relief operations as an (overlapping) sequence of different phases. Analyse Tufinkgi's three-phase model and the characteristics of disaster relief logistics.

QUESTION 4

(30 MARKS)

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

QUESTION 5

(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 6

(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.

TOTAL [180 MARKS]

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