



QUALIFICATION : B COM HONOURS
MODULE : HUMANITARIAN LOGISTICS RESPONSE
CODE : LMA8X08
DATE : SUPPLEMENTARY EXAMINATION
DURATION : 180 MINUTES
TIME : 08:00
TOTAL MARKS : 180

EXAMINER(S) : PROF JH DU PLESSIS
(EXTERNAL) MODERATOR(S) : MR G. DE VILLIERS
NUMBER OF PAGES : 2 PAGES

INSTRUCTIONS TO CANDIDATES:

- 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.
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ANSWER ALL THE QUESTIONS**QUESTION 1****[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.

QUESTION 2**[30 MARKS]**

Before consideration can be given to the actual network design, some central humanitarian guidelines must be observed and the goals and influence factors established. Discuss the humanitarian guidelines for network design,

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 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 6**[30 MARKS]**

Value Chain Analysis (VCA) is the approach to supply chain improvement based on lean principles and methodologies. Discuss the Value Chain Mapping and comparative analysis of the alternative supply models of Tarpaulin Supply Networks.

[180]

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