



**QUALIFICATION** : B COM HONOURS  
**MODULE** : LOGISTICS PROJECT MANAGEMENT  
**CODE** : LMA8X05  
**DATE** : JANUARY 2018  
SUPPLEMENTARY EXAMINATION  
**DURATION** : 180 MINUTES  
**TOTAL MARKS** : 180 MARKS

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**EXAMINER(S)** : DR J PRETORIUS

**(EXTERNAL) MODERATOR(S)** : DR KR LAMBERT

**NUMBER OF PAGES** : 2

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**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.
- Answer all questions.

**QUESTION 1****[30 MARKS]**

Develop the term “Project” by discussing the life cycle of a project and by referring to the associated amount of effort that is required during the life cycle. Make use of sketches to integrate your discussion.

**QUESTION 2****[30 MARKS]**

Evaluate the interaction of the Work Breakdown Structure, Activity on Node networks, Critical Path Method and Gantt charts as project planning and scheduling tools. Use examples to illustrate the essence of these tools.

**QUESTION 3****[30 MARKS]**

“Risk and uncertainty go hand in hand.” Evaluate this statement referring to project risk and uncertainty during the project life cycle using examples to illustrate your discussion. Elaborate on how a project manager may reduce risk levels in a project.

**QUESTION 4****[30 MARKS]**

“The planning, monitoring and control functions in a project is essential for project success” Analyse this statement highlighting the relationship between planning, monitoring and control in project management while using examples to illustrate your discussion.

**QUESTION 5****[30 MARKS]**

Elaborate on the interaction between project management and logistics management. Use examples from the logistics industry to prove your viewpoint.

**QUESTION 6****[30 MARKS]**

You are the project manager for a logistics company and have to develop a Critical Path Method diagram to determine the critical path and the completion time for a project to propose a training manual. Determine the earliest start, earliest finish, latest start, latest finish and slack of each of the activities provided in the following table:

Activity	Duration	Predecessor
A	4	-
B	3	A
C	1	A, B
D	1	A
E	4	C
F	14	D
G	8	B, E
H	3	E
I	7	H
J	11	G, I
K	2	I
L	3	F
M	1	K, L
N	4	J, K
O	1	N
P	2	O, M
Q	6	P