UNIVERSITY OF JOHANNESBURG

QUALIFICATION	:	BCOM HONOURS
MODULE	:	**LOGISTICS PROJECT MANAGEMENT**
CODE	:	**LMA8X05**
DATE	:	**NOVEMBER 2015 EXAMINATION**
DURATION	:	**180 MINUTES**
TOTAL MARKS	:	**180**

EXAMINER	:	**DR J PRETORIUS**
MODERATOR	:	**DR K LAMBERT**
NUMBER OF PAGES	:	**3 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.
- PLEASE ANSWER ALL QUESTIONS.
- 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.

QUESTION 1 **[30 MARKS]**

Explain the importance of the three most important project parameters while elaborating on the importance of customer satisfaction. Discuss further what is meant with "trade off" in the context of these project parameters.

QUESTION 2 **[30 MARKS]**

Define project budgeting and discuss budgeting and cost estimation as project management tools.

QUESTION 3 **[30 MARKS]**

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

QUESTION 4 **[30 MARKS]**

Discuss the purpose of activity-on-arrow and activity-on-node diagrams while elaborating on the differences and similarities between them. Give examples of each type of network diagram and indicate the most appropriate uses for each.

QUESTION 5 **[30 MARKS]**

"A project manager's main duty is to facilitate a group of specialists." Discuss this statement using examples to illustrate your discussion. Elaborate on the skills required of a project manager.

QUESTION 6 **[30 MARKS]**

You are the project manager for a logistics company and have to produce a Critical Path Method diagram to determine the critical path and the completion time for a project to develop 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