KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2017/2018

FIRST SEMESTER EXAMINATION FOR THE DEGREE OF

MASTER OF SCIENCE IN PROJECT MANAGEMENT

BMS 868: PROJECT RISK AND SAFETY MANAGMENT

DATE: Thursday, 30th November 2017 **TIME:** 5.30 p.m. - 8.30 p.m.

INSTRUCTIONS:

Attempt question One and any other three

Question One

a) ELM international limited is currently facing many high likelihood and high impact project risks. The project manager being risk averse has lately been channeling a big budget of the project to dealing with these risks to the extent of suffocating other project operations. This is affecting the performance of the project. He needs to take a balanced project risk management approach in order to avail funds for other project activities. Explain to him this approach and its characteristics. (12mks)

b) Discuss the various approaches of dealing with positive project risks in a project. (10mks)

c) Discuss the relevance of project safety management in attaining project success for government funded projects. (10mks)

d) Project management integrates project risk management with other project management activities to achieve project success. Discuss the relevance of integrating project risk management with the other project management activities in the management of projects. (8mks)

Question Two

a) James, a project manager with a software development company is faced with a challenge of determining the likelihood of occurrence and impact of project risks facing his company. Explain to him the quantitative methods that he can use in analyzing the risks to determine their likelihood of occurrence and impact. (10mks)

b) Project safety is important in the success of projects. Discuss **five** project safety concerns for construction projects. (10mks)

Question Three

a) Project risk is inevitable and unavoidable. Using examples from a project of your own choice discuss this assertion. (10mks)

b) To effectively manage risks in a project good project risk management planning is necessary. Discuss the key steps in project risk management planning. (10mks)

Question Four

a) You have been tasked with the development of a risk register for your project. Using a project of your own choice, develop a risk register and discuss the key contents of your risk register. (10mks)

b) Discuss the role of project monitoring and control in the management of project risks. (10mks)

Question Five

a) Jane is in the process of developing a risk management standard operating procedure. Explain to her the key contents of the risk management standard operating procedure. (10mks)

b) Project risks vary from one phase of a project life cycle to another. The risks may also vary in magnitude and likelihood of occurrence at the different phases of the project. Discuss **five** likely risks that a project manager may face at the project planning and design phase and highlight how each of the risks may be managed. (10mks)