KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS
2016/2017 ACADEMIC YEAR

SPECIAL EXAMINATIONS
YEAR ONE EXAMINATIONS

FOR THE DEGREE OF
MASTER OF SCIENCE IN
INFORMATION TECHNOLOGY

COURSE CODE : MIT 811

COURSE TITLE : IT PROJECT MANAGEMENT

DATE: 01/10/2017   TIME: 2.00P.M. – 4.00P.M.

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTIONS ONE AND ANY OTHER TWO.

QUESTION ONE (COMPULSORY QUESTION) (30 MARKS)

a. Discuss briefly the following concepts; project lifecycle, project stakeholders, project management skills.

(5 Marks)

b. How does a project life cycle differ from a product life cycle? Why does a project manager need to understand both?

(5 Marks)

c. What does it mean to take a systems view of a project? How does taking a systems view of a project apply to project management?

(5 Marks)

d. What functions can you perform with project management software? What are some popular names of low-end, midrange, and high-end project management tools?

(5 Marks)

e. You and two other students have been hired by a local public university to develop an IT Disaster Recovery for the organization. The Plan will be instrumental in protecting the University's data incase of a catastrophe. The plan will also ensure business continuity in such events. Before you begin, you need to develop a quality plan. Write a Quality plan that should include:

   i.   Your own quality philosophy.
   ii.   Two metrics for ensuring that reliability standards are met.
   iii. Two metrics for ensuring that performance standards are met.
   iv.   A means for validating and verifying that your client's needs and expectations will be met.

(10 Marks)

QUESTION TWO (20 MARKS)

A major factor leading to the continued failure in IT projects is the lack of identification and appreciation for all the major components of Information Technology project success.

Critical success factors encompass those issues that must be done or handled properly for a project to be successful.

a   Explain the critical IT success factors.

(10 Marks)

b   Discuss the techniques for managing these factors

(10 Marks)

Question THREE (20 MARKS)

a   Describe the project life cycle, the systems development life cycle, and their relationship.

(15 Marks)

b Explain the role and impact that IT projects have on an organization.

(5 Marks)

QUESTION FOUR (20 MARKS)

a What makes IT projects different from other types of projects?

(15 Marks)

b How should project managers adjust to these?

(5 Marks)

QUESTION FIVE (20 MARKS)

a Explain the reasons why a considerable number of IT projects fail.

(8 Marks)

b How can we improve the chances for IT project success and avoid repeating past mistakes?

(7 Marks)