(Knowledge for Development)

KIBABII UNIVERSITY
(KIBU)
UNIVERSITY EXAMINATIONS
2017/2018 ACADEMIC YEAR

END OF SEMESTER EXAMINATIONS
YEAR 1 SEMESTER 1

FOR THE DEGREE OF
MASTER OF SCIENCE (INFORMATION TECHNOLOGY)

COURSE CODE   : MIT 811

COURSE TITLE   : INFORMATION TECHNOLOGY PROJECT
MANAGEMENT

DATE: 19/10/2018   TIME: 2.00 PM – 5.00 PM

INSTRUCTIONS TO CANDIDATES
ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS.

SECTION A (COMPULSORY QUESTION)

Question 1 (30 Marks)

a. Discuss the traditional project life cycle.

(10 Marks)

b. Compare and contrast the cycle in (a) above to a software development life cycle.

(10 Marks)

c. Articulate any major difference between the traditional project management and a typical research project management.

(10 Marks)

SECTION B (ANSWER ANY 2 QUESTIONS FROM THIS SECTION)

Question 2 (20 Marks)

Discuss in detail an appropriate change management model for managing Information Technology projects.

(20 Marks)

Question 3

a. Briefly distinguish between quality assurance and quality control in IT Project Management.

(5 Marks)

b. Discuss the standard characteristics by which software quality can be measured.

(7 Marks)

c. How would you ⊠go about detecting defects during the project life cycle?

(8 Marks)

Question 4

a. List and Discuss five (5) top software project risks as experienced in IT projects.

(5 Marks)

b. Discuss the qualitative approach to project risk assessment.

(8Marks)

c. Distinguish between "risk reduction activities" versus "contingency actions"

(7 Marks)

Question 5

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

(10 Marks)

b   Discuss the critical success factors in IT projects.

(10 Marks)