[Knowledge for Development]

KIBABII UNIVERSITY
(KIBU)

UNIVERSITY EXAMINATIONS
2019/2020 ACADEMIC YEAR

SPECIAL/SUPPLEMENTARY EXAMINATIONS
YEAR FOUR SEMESTER ONE

FOR THE DEGREE OF BACHELOR OF SCIENCE
(INFORMATION TECHNOLOGY)

COURSE CODE   :   BIT 411
COURSE TITLE   :   SOFTWARE PROJECT
                  MANAGEMENT

DATE: 16/02/2021   TIME: 2.00 PM. - 4 P.M

INSTRUCTIONS TO CANDIDATES
ANSWER QUESTIONS ONE AND ANY OTHER TWO.

SECTION ONE [COMPULSORY] [30 MARKS]

a. Project manager needs to work with all stakeholders in order to develop a good project plan. Explain. **[6 Marks]**

b. Explain three dependencies or relationships among project activities in an IT project. **[6 marks]**

c. Identify four Project scheduling techniques and describe their usefulness in an Information Technology project management **[8 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. **[10 Marks]**

b Explain the role and impact that IT projects have on an organization. **[10 Marks]**

QUESTION 4 [20 MARKS]

a. What is a motivational theory? **[1 mark]**

b. Project manager should understand motivation theories and more importantly the motivation needs of each team member. Discuss. **[10 marks]**

c. Explain three main levels of monitoring in an IT project **[9 marks]**

QUESTION FIVE [20 MARKS]

a. Explain the reasons why a considerable number of IT projects fail **[6 Marks]**

b. How can we improve the chances for IT project success and avoid repeating past mistakes? **[6 Marks]**

c. What makes IT projects different from other types of projects? **[4 Marks]**

d. How should project managers adjust to these? **[4 Marks]**