



KENYA METHODIST UNIVERSITY

END OF 2ND TRIMESTER 2010 (SCHOOL BASED) EXAMINATIONS

FACULTY : **SCIENCE AND TECHNOLOGY**
DEPARTMENT : **COMPUTER SCIENCE & BUSINESS INFORMATION**
UNIT CODE : **CISY 404**
UNIT TITLE : **IT PROJECT MANAGEMENT**
TIME : **2 HOURS**

Instructions

- *Answer question 1 and any other two questions.*
- *Marks will be awarded to clearly and concisely explained points.*

Question 1

- Explain the importance of integrated change control. (6Mks)
- Explain each of the processes involved in project time management knowledge areas. (12Mks)
- Briefly describe four different tools and techniques project managers can use to help them manage project teams. (8Mks)
- Explain how earned value management can be used to measure project performance. (4Mks)

Question 2

- Briefly describe the project management framework. (8Mks)
- Define the term scope creep. (2Mks)
- Explain the five attributes of a project. (5Mks)
- Explain the Monte-Carlo analysis for quantifying risks of a project. (5Mks)

Question 3

- Selecting IT projects is a delicate and important aspect in an organization, having in mind that these projects are expensive and resources are scarce. Explain the commonly used techniques for selecting projects to implement by an organization. (10Mks)
- State any two benefits of developing a project plan. (2Mks)
- Briefly describe four methods for monitoring quality requirements of a project are being met. (8Mks)

Question 4

- Describe any five skills required for successful project manager, explaining why each is necessary. (5Mks)
- Highlight the problems associated with the WBS development. (2Mks)
- Discuss the methods used in developing a WBS. (8Mks)
- List the key elements of a project plan. (5Mks)