



KENYA METHODIST UNIVERSITY

END OF 1ST TRIMESTER 2010 EXAMINATIONS

FACULTY : **COMPUTING AND INFORMATICS**
DEPARTMENT : **COMPUTER INFORMATION SYSTEMS**
UNIT CODE : **CISY 404**
UNIT TITLE : **IT PROJECT MANAGEMENT**
TIME : **2 HOURS**

Instructions:

- Answer question 1 and any other 2 questions.
- Marks will be awarded to clearly and concisely explained points.

Question 1

- a) i) Define the term project. (2 mks)
ii) Explain at least 5 attributes of a project. (5 mks)
- b) Explain the four frames of organizations and how they can help project managers understand the organizational context for their projects. (8 mks)
- c) Briefly describe four different tools and techniques project managers can use to help them manage project teams. (6 mks)
- d) Explain Monte Carlo analysis for quantifying risk. (5 mks)
- e) Briefly explain the main types of contracts if the organization decides to outsource giving advantages and disadvantages. (6 mks)

Question 2

- a) Explain the importance of Integrated Change Control. (6 mks)
- b) Explain each of the processes involved in project time management knowledge area. (7 mks)
- c) Explain the three basic types of cost estimates, giving examples when you would prepare each. (7 mks)

Question 3

- a) Explain briefly the five major cost categories related to quality. (10 mks)
- b) Briefly discuss the methods used in developing work breakdown structure (WBS) and highlight the problems associated with the WBS development. (10 mks)

Question 4

- a) Selecting IT projects is very important to the organization. Briefly explain five commonly used techniques of selecting projects. (10 mks)

- b) Explain at least five suggestions that help to ensure adequate change control and good contract administration. (10 mks)