



KENYATTA UNIVERSITY
UNIVERSITY EXAMINATIONS 2010/2011
FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF
SCIENCE (SOFTWARE ENGINEERING)
SSE 212: INTRODUCTION TO SOFTWARE ENGINEERING

DATE: WEDNESDAY 24TH NOVEMBER 2010 TIME: 8.00 A.M. - 10.00 A.M.

INSTRUCTIONS

Answer **Question 1** and any other two questions.

Question 1

- (a) Explain what you understand by the following terms:
- i) Software requirements analysis
 - ii) Software design
 - iii) Software engineering
 - iv) Software
 - v) User interface
 - vi) Project management [6 marks]
- (b) (i) Describe the major components of the client server model. [6 marks]
- (ii) Discuss four major issues of directing software project. [4 marks]
- (c) (i) State three advantages of Graphical User Interfaces (GUIs)
- (ii) Identify five principle characteristics of GUIs and explain how they are applied. [8 marks]
- (d) What are the three critical requirements for software design and development with reuse? [6 marks]

Question 5

- (a) State and briefly describe the activities of project management. [6 marks]
- (b) Identify the sections that most project plans should include and state the purpose of each. [7 marks]
- (c) Differentiate between milestones and deliverables. [2 marks]