



MACHAKOS UNIVERSITY

University Examinations for 2016/2017

SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF COMPUTING AND INFORMATION TECHNOLOGY

**FOURTH YEAR SECOND SEMESTER EXAMINATION FOR DEGREE IN
BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

SCO 419: ENTERPRISE RESOURCE PLANNING

DATE: 31/5/2017

TIME: 2:00 – 4:00 PM

INSTRUCTIONS

Answer Questions ONE and Any Other Two Questions

QUESTION ONE (COMPULSORY) (30 MARKS)

- a) Discuss the term integration as it is used in enterprise resource planning (3 marks)
- b) Discuss any THREE approaches employed in the implementation of an enterprise resource planning (3 marks)
- c) Explain some of the reasons for the explosive growth of the Enterprise Resource Planning market today (4 marks)
- d) Outline the critical factors that lead to the success of the Enterprise Resource Planning implementation (4 marks)
- e) Differentiate between the conventional application packages and enterprise resource planning packages (4 marks)
- f) Outline FOUR of the hidden costs in Enterprise Resource Planning implementation (2 marks)

QUESTION TWO (20 MARKS)

- a) List and explain the benefits attributed to the introduction of an enterprise resource planning in an organization (10 marks)
- b) Discuss at least FIVE factors affecting the post implementation process of Enterprise Resource Planning system (10 marks)

QUESTION THREE (20 MARKS)

- a) Discuss the phases used in the Implementation of an enterprise resource planning systems (10 marks)
- b) List and explain the KEY stakeholders who are involved in the implementation of an enterprise resource planning system (10 marks)

QUESTION FOUR (20 MARKS)

- a) Describe some of the Major Challenges Enterprise Resource Planning experts face during its Implementation (10 marks)
- b) Discuss at least FIVE important skills the people who implement the Enterprise Resource Planning should possess (10 marks)

QUESTION FIVE (20 MARKS)

- a) List and explain the various business modules that can be found (included) in an Enterprise Resource Planning system (10 marks)
- b) Discuss the steps involved in the selection of the Enterprise Resource Planning systems. (10 marks)