



MACHAKOS UNIVERSITY

University Examinations for 2018/2019

SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF COMPUTING AND INFORMATION TECHNOLOGY

FIRST YEAR SECOND SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE (COMPUTER SCIENCE)

SCO 419 ENTERPRISE RESOURCE PLANNING

DATE: 30/4/2019

TIME: 11.00-1.00 PM

INSTRUCTIONS

Answer **question ONE** and any other **TWO** questions.

1.
 - a) Define the term ERP system (2 marks)
 - b) Distinguish between an action plan and an activity (4 marks)
 - c) Explain the importance of Business Intelligence in an ERP package (4 marks)
 - d) Explain **Five** factors to be considered when planning the implementation of an ERP system in an organization (5 marks)
 - e) Analyze the significance of Business Process Modelling when implementing an ERP system in a company (4 marks)
 - f) Explain **Four** skills that should be possessed by the ERP implementation team (6 marks)
 - g) Explain **Five** ways of reducing ERP maintenance cost (5 marks)
2.
 - a) Explain **Four** benefits of integrating an ERP system in an organization (8 marks)
 - b) You have been approached by your company of employment to assist in the ERP software evaluation process. Explain **Four** factors that would be considered when evaluating the ERP (8 marks)
 - c) Describe **Two** approaches to ERP implementation in an organization (4 marks)

3. a) Describe **Four** functional modules that are integrated in an ERP system (8 marks)
- b) Analyze **Three** benefits that a company may derive from good data migration (6 marks)
- c) Explain **Six** factors that are critical for the success of the ERP implementation (6 marks)
4. a) Describe **Three** hidden costs incurred in ERP implementation (6 marks)
- b) Explain **Six** success factors of Business Process Management in a company (6 marks)
- c) Explain **Four** activities involved in the pre-purchasing sub module (8 marks)
5. a) As a business manager in your company, explain **Five** activities that will be involved in the planning phase of the ERP implementation (10 marks)
- b) Describe **Five** basic functions in sales order processing (10 marks)