

MACHAKOS UNIVERSITY COLLEGE

(A Constituent College of Kenyatta University)

University Examination for 2016/2017 Academic Year

SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

END OF SEMESTER EXAMS MAY-AUGUST -2016

UNIT CODE:

ENTERPRISE RESOURCES PLANNING (ERP) SYSTEMS

UNIT CODE: SCO: 419

DATE:

TIME

INSTRUCTIONS:

Answer questions ONE Compulsory and any other TWO questions.

QUESTION ONE [30 MARKS]

- a) Briefly explain two main misconceptions about Enterprise Resource Planning.
[2 marks]
- b) Explain Business Integration and how do the Enterprise Resource Planning systems achieve it.
[2 marks]
- c) Explain the factors that are critical for the success of the Enterprise Resource Planning implementation.
[2 marks]
- d) Describe different phases of Enterprise Resource Planning implementation.
[2 marks]
- e) Diagnose the hidden costs in Enterprise Resource Planning implementation.
[3 marks]
- f) Breakdown the key points of the contract with the consultant, which should be addressed.
[3 marks]
- g) Formulate various business modules in Enterprise Resource Planning system.
[4 marks]

- h) Describe the general R/3 modules. [3 marks]
- i) Explain categories of Oracle software applications. [3 marks]
- j) Explain how Enterprise Resource Planning system is used in Customer relationship management. [3 marks]
- k) Outline the steps in inventory replenishment process. [4 marks]

QUESTION TWO [20 MARKS]

- a) Discuss the process of implementing enterprise resources planning systems in organization software solutions. [5 marks]
- b) Describe different phases of enterprise resources planning systems in organization implementation in an enterprise. [5 marks]
- c) Discuss the steps involved in business Process reengineering. [5 marks]
- d) Discuss the role Simulation of the system before implementing enterprise resources planning systems in organization. [5 marks]

QUESTION THREE [20 MARKS]

- a) Discuss how to examination and corrective measures in implementing enterprise resources planning systems in organization. [5 marks]
- b) Discuss how to redesigning the system if required to adopt the implementing of enterprise resources planning systems in organization. [5 marks]
- c) Briefly describe the evolution of the enterprise resources planning system. [5 marks]
- d) Describe the steps involved selecting the Enterprise Resource Planning systems. [5 marks]

QUESTION FOUR [20 MARKS]

- a) Describe the framework of Enterprise Resource Planning systems. [5 marks]
- b) Discuss are the factors used for Successful Enterprise Resource Planning systems Implementation. [5 marks]
- c) Explain how a company will ensures that its Enterprise Resource Planning systems investment pays off in increased profitability. [5 marks]

- d) Discuss the impact on implementing enterprise resources planning systems in organization. [5 marks]

QUESTION FIVE **[20 MARKS]**

- a) Discuss the factors affecting the post implementation process of enterprise resources planning systems in organization. [5 marks]
- b) Discuss how the internet is used in Cloud computing process. [5 marks]
- c) Describe how the business analytics process used in enterprise resources planning systems in organization. [5 mark]
- d) Describe the emerging trends in enterprise resources planning systems in organizations. [5 marks]