



**JARAMOGI OGINGA ODINGA UNIVERSITY
OF SCIENCE & TECHNOLOGY**

UNIVERSITY EXAMINATIONS 2012/2013

**2ND YEAR 1ST SEMESTER EXAMINATION FOR THE DEGREE
OF MASTER OF SCIENCE IN INFORMATION TECHNOLOGY
SECURITY AND AUDIT**

(KISUMU L.CENTRE)

COURSE CODE: IIT 5214

COURSE TITLE: ENTERPRISE RESOURCE PLANNING

DATE: 15/8/2013

TIME: 2.00-5.00 PM

DURATION: 3 HOURS

INSTRUCTIONS

- 1. This paper consists of 5 Questions.**
- 2. Answer any (THREE) 3 Questions.**
- 3. Write your answers on the answer booklet provided.**

1. a) Distinguish between the “Big Bang” and “Hybrid Approach” in ERP implementation. (6 marks)
b) Explain the challenges that are likely to be encountered in the Big Bang approach in IT implementation (14 marks)
2. The Vice Chancellor of JOOUST has tasked you with implementation of an ERP system for the University.
a) Develop a framework for the system (8 marks)
b) Discuss the key stages of ERP implementation life cycle that you will go through. (12 marks)
3. a) A vendor has presented to you an accounting package; briefly explain how you will distinguish this package from an ERP software package? (5 marks)
b) Scalability is an important aspect in any software development. Using examples discuss the core issues associated with scalability in developing an ERP system (15 marks)
4. Identify **four** IT risks that an implementer of ERP is exposed to and in each case suggest preemptive measures that can be put in place to effectively manage the risks (20 marks)
5. Your organization intends to change from a server based ERP to a web based ERP and you have been consulted to advise as an IT expert. Discuss how you would convince the organization not to reverse their intention. (20 marks)