JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

UNIVERSITY EXAMINATION 2012/2013

1ST YEAR 2ND SEMESTER EXAMINATION FOR THE DEGREE OF MSC. INFORMATION SYSTEM

KISII LEARNING CENTRE

COURSE CODE: IIS 5123

TITLE: e-BUSINESS ARTCHITECTURE AND SYSTEMS

DATE: 17/4/2013   **TIME: 8.00-11.00AM**

DURATION: 3 HOURS

INSTRUCTIONS

1. **This paper contains FIVE (5) questions**
2. **Answer question 1 (Compulsory) and ANY other 2 Questions**
3. Write all answers in the booklet provided

Question ONE

a) Explain any FIVE users of e-business   [5 marks]

b) Rensburg (1997) sees business models as building blocks for architecture: "good business architecture consists of business models which allow the modelling of any organizational entity together with its multi-dimensional organizational views". Discuss the Relationship between business strategy and business architecture design. Use a diagram to support your argument.   [10 marks]

Question TWO

a) Most Kenyan websites are hosted on a dedicated web server at the external web hosting provider's location. Explain FIVE benefits of a web hosting with a provider.
                                    [5 marks

b) Use the schematic image of a company to explain the Supply Chain Management (SCM)
                                    [10 marks]

Question THREE

a) Discuss in details the concept of business architecture   [6 marks

b) Using a diagram(s), differentiate between Traditional distribution system, Direct Marketing through Internet and Electronic Intermediaries [9mrks]

Question FOUR

a) Discuss three main technologies used to deliver broadband Internet access
                                    [6 marks]

b) Using a diagram (s) Describe the Computer Aided Manufacturing (CIM) in your discussion mention the overall goals of CIM use in factory automation
                                    [9 marks]

Question FIVE
Discuss the following concepts:
i.   Internet Security Software   [3 marks]
ii.   Firewall   [4 marks]
iii.   Remote banking   [4 marks]
iv.   B-2-B e-business model   [4 marks]