



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND  
TECHNOLOGY  
KISII LEARNING CENTRE  
YEAR 1 STAGE 2  
UNIVERSITY EXAMINATIONS AUGUST 2013  
COURSE CODE: IIS 5217  
COURSE TITLE: BUSINESS PROCESS MODELLING**

**DURATION 3HOURS**

**INSTRUCTIONS:**

- 1. This Examination paper has a total of FIVE questions.**
- 2. Answer *Question one* and any other TWO questions**
- 3. Write the answers on booklet provided.**

### **QUESTION ONE 30marks**

- a.) Briefly explain the meaning of the following terms as used in business process modeling  
10 marks
- i.) Domain
  - ii.) Process
  - iii.) Object
  - iv.) Business user
  - v.) Business worker
- b.) what is the rationale of undertaking business process modeling 6marks
- c.) Discuss in detail the sources of domain knowledge before a process is modeled 6marks
- d.) Why is it significant to understand a domain 4marks
- e.) Why are business users significant in modeling of business processes 4marks

### **QUESTION TWO 15MARKS**

- a) Company ABC is new in the market and has branches across the county. They want to implement an ERP. You as an information architect, Explain in details the processes you will go through before you deliver a model to convince the management.  
15 marks

### **QUESTION THREE 15MARKS**

- a.) List and explain the common business models frequently used in the modeling industry  
8marks
- b.) Explain how a model shows a relationship between the business users 5marks
- c.) What is a work flow 2marks

### **QUESTION FOUR 15MARKS**

- a) Name and explain three ongoing trends in the business modeling industry 4marks
- b) With examples discuss the concept of business process languages 5marks
- c) What are the current challenges experienced in BPM 6marks

### **QUESTION FIVE 15MARKS**

- a) Discuss in details how various kinds of diagrams can be used to initiate modeling of business processes  
15 marks