



UNIVERSITY EXAMINATIONS: 2013/2014
EXAMINATION FOR THE MASTER OF SCIENCE IN INFORMATION
SYSTEMS MANAGEMENT

MISM 5103 BUSINESS PROCESS MODELLING

DATE: AUGUST, 2014

TIME: 2 HOURS

INSTRUCTIONS: Answer Question One and Any Other Two Questions

QUESTION ONE [20 MARKS]

Distinguish between the following concepts as applied in Business Process Modelling (BPM):

- (i) Outbound Logistics and Inbound Logistic (3 Marks)
- (ii) Object Oriented Modelling and Unified Modelling Language (UML) (4 Marks)
- (iii) Class diagrams and Use case diagrams (4 Marks)
- (iv) Role action models and Entity relation models (3 Marks)
- (v) Business Requirements and Functional Requirements (3 Marks)
- (vi) “Will” and “Shall” as reserved words in stating requirements (3 Marks)

QUESTION TWO [15 MARKS]

Discuss the benefits using business process models (15 Marks)

QUESTION THREE [15 MARKS]

Enumerate (at least not less than) of the traditional business processes modelling and analysis Techniques? (15 Marks)

QUESTION FOUR [15 MARKS]

- (i) What are the four basic principles of modelling with UML? (9 Marks)
- (ii) Why do we model at all? (6 Marks)