UNIVERSITY OF SWAZILAND

FACULTY OF COMMERCE
DEPARTMENT OF BUSINESS ADMINISTRATION

MAIN EXAMINATION – MAY 2018

COURSE TITLE   : MANAGEMENT INFORMATION SYSTEMS II

COURSE CODE   : BUS212

PROGRAMME   : B.COM– N.P. (FULLTIME); B.ED (FULLTIME)

TIME ALLOWED   : THREE (3) HOURS

INSTRUCTIONS:

1. THIS PAPER CONSISTS OF SECTION (A) AND (B)

2. SECTION (A) IS COMPULSORY.   TOTAL MARKS **50**

3. ANSWER ANY TWO (**2**) QUESTIONS FROM SECTION B.

                                      TOTAL MARKS **50**

4. THE TOTAL NUMBER OF QUESTIONS IN THIS PAPER IS FOUR (4)

5. THE TOTAL NUMBER OF PAGES IS THREE (3).

<u>NOTE:</u> MARKS AWARDED WILL ALSO BE INFLUENCED BY GOOD COMMUNICATION IN ENGLISH AS WELL AS ORDERLY PRESENTATION, ESPECIALLY WHERE STATED.

THIS EXAMINATION PAPER SHOULD NOT BE OPENED UNTIL INVIGILATOR HAS GRANTED PERMISSION

SECTION B – ANSWER ANY 2

Question 2

Given the following scenario, draw up an activity diagram. **[25 marks]**

A customer places an order of books from a book supplier by sending an email to th administrative assistant. The assistant enters the details of the order into the system. Th system then checks the availability of the books on the order form. If all or some of the book are out of stock, the assistant informs the customer. The customer then has the option of eithe cancelling the order, or continuing with the order If the order is being continued, the assistar confirms order for system to process.

If none of the books are available, the customer is informed, and the order is cancelled by th system. If all items on the order are available, the system processes the order, thereafte closing the order.

Question 3

Whilst traditional development approaches have a specific phase for implementation, the terr "implementation" in systems development has been used to explain different stages. Based o class discussions and your understanding of implementation in the traditional approaches explain briefly five (5) activities you believe should occur at implementation. **[25 marks]**

Question 4

Under headings, discuss four (4) types of testing that can be undertaken in system development, providing an example for each type of test. Use the suggested answer layout t present your work.

Type of Test	Explanation of that test	Example
1.		
2.		
3.		
4.		

[25 marks in total]