

UNIVERSITY OF FORT HARE

INF 422

**DEGREE SUPPLEMENTARY EXAMINATION
JANUARY/FEBRUARY 2019**

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TIME: 3 HOURS

SUBJECT: INFORMATION SYSTEMS AND INFORMATION MANAGEMENT

MARKS: 100

This paper consists of 2 pages including cover page

Internal Examiner/s

Dr N. Muchaonyerwa

External Examiner/s

Dr Gbolahan Olasina

INSTRUCTIONS

- 1. Answer any four (4) questions of your choice**
- 2. Write neatly and legibly**
- 3. Each question carries 25 marks**

Question 1

The Traditional Waterfall Model outlines the series of steps that should occur when developing an Information System. Describe how you would develop an effective Information System for an organization of your choice using the traditional waterfall model. **[25 Marks]**

Question 2

Examine the various tests you would carry out to conduct a feasibility study for any project in an organization and in your discussion include the benefits of conducting a feasibility study. **[25 Marks]**

Question 3

Identify **Five (5)** types of Information Systems that are relevant in a Library and Information Resource Centre in each case explaining the primary/end user, how it is used and the kinds of benefits it provides. **[25 Marks]**

Question 4

Discuss the measures you would take to minimize and/ or control security threats of information systems in an organization. **[25 Marks]**

Question 5

Define the concept Software and critically analyze three types of System Software Packages (SSP) and select one SSP you would purchase for your library. **Justify your choice.** **[25 marks]**