

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

**DEPARTMENT OF TEXTILE TECHNOLOGY
END OF SEMESTER EXAMINATIONS MAY 2006**

COURSE TITLE: TXT 2221- INFORMATION SYSTEMS CONCEPTS

TIME: 3 HOURS

INSTRUCTIONS

Answer **ALL** Questions in Section A and **ANY TWO** questions in Section B. Section A carries 60 marks and section B carries 40 marks.

Total marks: 100.

SECTION A

ANSWER ALL QUESTIONS

QUESTION 1

Many of the newly hired programmer/analysts at NUST have good technical skills, but are failing on the job because of poor communication skills, particularly writing ability. The situation is causing the Human Resources Department to think seriously of making a pre-screening test in basic writing skills a prerequisite.

Diagnose this problem from a systems standpoint and suggest some possible solutions.
(40 marks)

QUESTION 2

How can establishing on-line electronic communities contribute to the successful marketing and development of products and services in the textiles industry? **(20 marks)**

SECTION B

ANSWER ANY TWO QUESTIONS

QUESTION 3

Business process redesign includes all the changes and any organisational change.

Discuss five strategies for managing the transition to strategic change. **(20 marks)**

QUESTION 4

What are the advantages to an organisation of using a database management system rather than separate file systems? **(20 marks)**

QUESTION 5

Describe seven steps of the systems development life cycle. **(20 marks)**

END OF QUESTION PAPER