NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF TEXTILE TECHNOLOGY

END OF SECOND SEMESTER EXAMINATIONS - AUGUST 2009

**TXT 2201 – SOFTWARE ENGINEERING AND COMPUTER
                PROGRAMMING**

TIME: 3 HOURS

INSTRUCTIONS

Answer **ANY FOUR QUESTIONS** questions. Each question carries **25 marks**.

QUESTION 1

Explain the reasons why database systems are preferred over file systems.   **(25)**

QUESTION 2

Information systems managers are frequently described as "hybrid managers".

Suggest some of the characteristics that such a manager should possess.   **(25)**

QUESTION 3

With aid of diagrams, discuss the computing concepts of distributed database systems.

(25)

QUESTION 4

Information control and security is regarded to be a top management responsibility that should not be relegated to lower level management.
Discuss some measures that an Information Systems may institute to
achieve information security requirements of an organization.   **(25)**

QUESTION 5

Management Information Systems closely resemble business systems. Analyse this statement and show also show their differences.   **(25)**

END OF QUESTION PAPER