

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 **ALL** questions. Each question carries 25 marks.

QUESTION 1

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

QUESTION 2

(a) Information systems managers are frequently described as “hybrid managers”.
Suggest some of the characteristics that such a manager should possess. **(10)**

(b) Discuss some of the major opportunities that the Internet offers to business. **(15)**

QUESTION 3

Discuss the computing concepts of distributed database systems. **(25)**

QUESTION 4

(a) Why should information control and security be of great concern to an
Information Systems manager? **(10)**

(b) Discuss some measures that an Information Systems may cause institute to
achieve information security requirements of an organization. **(15)**

END OF QUESTION PAPER