

**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY
FACULTY OF APPLIED SCIENCE
COMPUTER SCIENCE DEPARTMENT
JULY SUPPLEMENTARY EXAMINATIONS 2003**

SUBJECT: BUSINESS INFORMATION SYSTEMS
CODE: SCS1203

INSTRUCTION TO CANDIDATES

Answer any five questions.
Each question carries 20 marks
Total marks 100

Time: 3 hours

QUESTION ONE

- a) Computers at NUST are underutilized. What has to be done to correct this anomaly? Discuss. [10]
- b) Define an organisational structure for the Information and Communications Technology Department as NUST and give a short job description for each of the staff. [10]

QUESTION TWO

- a) Describe how a typical company might use computers. [10]
- b) Theft of internal components from computers is rife within one university. What are the weaknesses that can be identified, in this area and what can be done to rectify them? [10]

QUESTION THREE

- a) What IT structures need to be put in place to facilitate research at NUST and give NUST a competitive advantage over other Universities. [10]
- b) Explain how speed, reliability and storage make a computer powerful. [10]

QUESTION FOUR

- a) Identify the major components of a computer. [10]
- b) Describe how the six-(6) elements of an Information System work. [10]

QUESTION FIVE

- a) What are functions and roles of a manager and how and where do you apply these as an IT manager at NUST. [10]
- b) Conferencing allows two-way communication. Describe the types of electronic conferences that are available today. [10]

QUESTION SIX

- a) An IT Department is an information system. Discuss. [10]
- b) It is difficult to define certain systems as falling under a specific group of information systems. Give a classification of Information Systems and give examples of systems that cross the boundaries between these classes. [10]

QUESTION SEVEN

- a) "Keep IT minimal and you will have a competitive advantage". Discuss. [10]
- b) What IT policies need to be put in place for effective management of IT in a university set-up. [10]

END OF QUESTION PAPER

GOOD LUCK!