

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY
FACULTY OF APPLIED SCIENCE
COMPUTER SCIENCE DEPARTMENT
AUGUST SUPPLEMENTS EXAMINATIONS 2004

SUBJECT: STRUCTURED SYSTEMS ANALYSIS AND DESIGN
CODE: SCS2104

INSTRUCTION TO CANDIDATES

Answer all questions.

Time: 3 hours

SECTION A

QUESTION ONE

- a) What is the difference between a Systems Analyst and a Business Analyst? Why are their complementary roles/skills preferred during the first two phases? [15]
- b) How do CASE TOOLS differ from Prototypes? [10]
- c) What is the difference between Upper-CASE, lower-CASE and Integrated CASE TOOLS? [15]
- D) What are network analysis tools? Describe in detail any two such tools. [10]

SECTION B

QUESTION TWO

List and briefly explain all the phases of JSD? [15]

QUESTION THREE

What do you understand about SSADM? Why is it necessary in software development? [20]

QUESTION FOUR

- a) How does a budget produced during feasibility phase differ from a budget produced during systems analysis phase? [10]

END OF QUESTION PAPER

GOOD LUCK!

