THE UNITED REPUBLIC OF TANZANIA

NATIONAL EXAMINATIONS COUNCIL

GRADE A TEACHERS' CERTIFICATE EXAMINATION

635 INFORMATION AND COMMUNICATION TECHNOLOGY

Time: 3 Hours. **Year: 2005**

INSTRUCTIONS

1. This paper consists of sections **A**, **B** and **C.**
2. Answer **all** questions in sections A and **two (2)** questions from each sections B and C.
3. Section A carries 40 marks, section B and C carry 30 marks.
4. Cellular phones and unauthorized materials are **not** allowed in the examination room.
5. Write your **Examination Number** on every page of your answer **booklet(s).**

SECTION A (40 Marks)

Answer all questions from this section

1. Mention four advantages of using email over traditional letters.
2. State four differences between first generation and fourth generation computers.
3. List four uses of spreadsheets in business.
4. Give four features of multimedia presentations.
5. State four disadvantages of using mobile phones in classrooms.
6. Mention four ICT devices used in modern libraries.
7. Outline four characteristics of reliable data.
8. List four limitations of using the internet in education.
9. State four functions of the operating system.
10. Mention four ways ICT can promote entrepreneurship.

SECTION B (30 Marks)

Answer any two questions from this section

11. Explain five benefits of using ICT in healthcare management.
12. Discuss five challenges of integrating ICT in public administration.
13. Explain five roles of ICT in disaster management.
14. Discuss five ways ICT can be used to preserve cultural heritage.

SECTION C (30 Marks)

Answer any two questions from this section

15. Critically analyse five impacts of ICT on employment patterns in modern economies.

16. With examples, evaluate five consequences of cybercrime in society.

17. Justify five reasons why ICT is a key driver of globalization.

18. Assess five ways ICT can be misused in politics and governance.