THE UNITED REPUBLIC OF TANZANIA

NATIONAL EXAMINATIONS COUNCIL

GRADE A TEACHERS' CERTIFICATE EXAMINATION

635 INFORMATION AND COMMUNICATION TECHNOLOGY

Time: 3 Hours. **Year: 2002**

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. Give four functions of the operating system.
2. Mention four uses of ICT in libraries.
3. State four limitations of oral communication in organizations.
4. List four examples of secondary storage devices.
5. Mention four benefits of teleconferencing.
6. State four types of computer networks.
7. Give four differences between RAM and ROM.
8. Explain four signs that show a hard disk is failing.
9. State four ways ICT can improve transport systems.
10. List four examples of antivirus software.

SECTION B (30 Marks)

Answer any two questions from this section.

11. Discuss five benefits of ICT in distance education.
12. Explain five measures to be taken to reduce computer virus attacks.
13. Analyse five challenges of implementing ICT projects in rural schools.
14. Describe five ways in which ICT has improved financial transactions.

SECTION C (30 Marks)

Answer any two questions from this section.

15. Critically analyse five ways in which ICT influences cultural change in society.

16. Evaluate five consequences of poor data management in organizations.

17. With examples, justify five reasons why ICT literacy is essential for national development.

18. Assess five ethical challenges that arise from the rapid growth of ICT in society.