THE UNITED REPUBLIC OF TANZANIA

NATIONAL EXAMINATIONS COUNCIL

GRADE A TEACHERS' CERTIFICATE EXAMINATION

635 INFORMATION AND COMMUNICATION TECHNOLOGY

Time: 3 Hours. **Year: 2004**

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 examples of application software.
2. List four features of cloud computing.
3. State four differences between data and information.
4. Give four uses of ICT in the health sector.
5. Mention four challenges of implementing ICT in schools.
6. State four examples of ICT storage media.
7. List four reasons for conducting computer backups.
8. Mention four benefits of ICT in communication.
9. State four differences between hardware and software.
10. Give four reasons why students should learn ICT skills.

SECTION B (30 Marks)

Answer any two questions from this section.

11. Discuss five benefits of ICT in improving government services.
12. Explain five disadvantages of relying heavily on ICT in education.
13. Describe five reasons why ICT security is important in schools.
14. Analyse five challenges faced when using social media for educational purposes.

SECTION C (30 Marks)

Answer any two questions from this section.

15. Critically evaluate five ways ICT has transformed traditional teaching methods.

16. With practical examples, analyse five problems caused by digital divides in society.

17. Assess five contributions of ICT to industrial development.

18. Justify five reasons why information is considered power in modern society.