THE UNITED REPUBLIC OF TANZANIA

NATIONAL EXAMINATIONS COUNCIL

GRADE A TEACHERS' CERTIFICATE EXAMINATION

635 INFORMATION AND COMMUNICATION TECHNOLOGY

Time: 3 Hours. **Year: 2000**

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. State four differences between system software and application software.
2. Mention four devices used for inputting information into a computer.
3. Outline four advantages of e-learning in secondary schools.
4. Explain four possible reasons why a computer may fail to start after being switched on.
5. State four examples of storage devices used in ICT.
6. Mention four features of a good database management system.
7. Give four disadvantages of using oral communication in business transactions.
8. Explain four benefits of using ICT in the banking sector.
9. List four characteristics of reliable information.
10. State four reasons why teachers need ICT literacy in their profession.

SECTION B (30 Marks)

Answer any two questions from this section.

11. Discuss five challenges facing the use of ICT in public secondary schools.
12. Explain five advantages of using internet services in higher education institutions.
13. Discuss five roles of ICT in promoting e-government services.
14. Describe five security risks that threaten ICT systems in schools.

SECTION C (30 Marks)

Answer any two questions from this section.

15. Critically assess the impact of ICT on students' learning habits, giving five points with examples.

16. Evaluate five ways in which poor ICT policies can hinder national development.

17. With examples, analyse five consequences of over-dependence on cloud storage systems.

18. Justify five reasons why information is considered a key resource for community development.