THE UNITED REPUBLIC OF TANZANIA

NATIONAL EXAMINATIONS COUNCIL

GRADE A TEACHERS' CERTIFICATE EXAMINATION

635 INFORMATION AND COMMUNICATION TECHNOLOGY

Time: 3 Hours. **Year: 2001**

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. List four uses of spreadsheets in schools.
2. Mention four examples of communication networks.
3. State four roles of ICT in modern agriculture.
4. Explain four benefits of email communication.
5. Give four signs of a computer infected by a virus.
6. List four examples of output devices.
7. Mention four advantages of wireless communication.
8. State four reasons for backing up school data.
9. Outline four differences between primary and secondary information sources.
10. Give four challenges of using social media in schools.

SECTION B (30 Marks)

Answer any two questions from this section.

11. Discuss five problems associated with the use of outdated ICT equipment.
12. Explain five ways ICT can promote good governance.
13. Analyse five benefits of ICT in the healthcare sector.
14. Explain five contributions of ICT to entrepreneurship.

SECTION C (30 Marks)

Answer any two questions from this section.

15. Critically evaluate five limitations of using ICT as the only teaching method in secondary schools.
16. With practical examples, discuss five effects of cybercrime on developing countries.

17. Justify five ways ICT can reduce inequality between rural and urban areas.

18. Assess five drawbacks of over-reliance on mobile phones in communication.