THE UNITED REPUBLIC OF TANZANIA

NATIONAL EXAMINATIONS COUNCIL

GRADE A TEACHERS' CERTIFICATE EXAMINATION

635 INFORMATION AND COMMUNICATION TECHNOLOGY

Time: 3 Hours. **Year: 2007**

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 web browsers.
2. List four advantages of e-commerce.
3. Give four disadvantages of storing data manually.
4. Mention four characteristics of good information.
5. State four examples of ICT application in the banking industry.
6. List four roles of ICT in environmental conservation.
7. Outline four limitations of video conferencing.
8. Give four reasons for using passwords in computer systems.
9. Mention four examples of wireless communication technologies.
10. State four challenges of digital migration in broadcasting.

SECTION B (30 Marks) – Answer any two questions from this section

11. Explain five benefits of ICT in rural development.
12. Discuss five challenges faced in implementing ICT curriculum in schools.
13. Analyse five roles of ICT in controlling climate change.
14. Explain five dangers of unethical use of ICT in media.

SECTION C (30 Marks)

Answer any two questions from this section

15. Critically evaluate five ways ICT promotes democracy and good governance.
16. With examples, assess five impacts of ICT on traditional businesses.

17. Analyse five reasons why ICT is considered a backbone of knowledge economy.

18. Justify five measures to address ethical concerns in ICT development.