THE UNITED REPUBLIC OF TANZANIA

NATIONAL EXAMINATIONS COUNCIL

GRADE A TEACHERS' CERTIFICATE EXAMINATION

635 INFORMATION AND COMMUNICATION TECHNOLOGY

Time: 3 Hours. **Year: 2017**

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. Explain four challenges teachers face when integrating ICT in overcrowded classrooms.
2. State four disadvantages of relying only on oral communication in schools.
3. Describe four ways in which spreadsheet software can help school administrators manage student records.
4. Outline four reasons why information is considered a key resource in the learning process.
5. Mention four socio-economic benefits of introducing ICT clubs in secondary schools.
6. Identify four possible dangers of students frequently downloading files from the internet.
7. Describe four factors that can reduce the efficiency of ICT labs in rural schools.
8. Explain four reasons why ICT is necessary in modern examination systems.
9. State four cultural challenges that may slow the adoption of ICT in Tanzanian schools.
10. Give four ways teachers can motivate students to use ICT tools for academic purposes.

SECTION B (30 Marks)

Answer any two questions from this section

11. Discuss how ICT can transform traditional teaching methods into learner-centered approaches in Tanzanian classrooms.
12. Examine the impact of limited ICT skills among teachers on the overall academic performance of students.
13. Explain the role of ICT in bridging the gap between urban and rural schools in terms of quality education delivery.

SECTION C (30 Marks)

Answer any two questions from this section

14. Critically analyze how ICT innovations could either reduce or widen inequalities in education within Tanzania.

15. Evaluate the extent to which e-learning platforms can replace physical classrooms in Tanzanian secondary schools.

16. Assess whether Tanzanian schools should prioritize investment in ICT infrastructure over the recruitment of more teachers, giving reasons for your stand.