THE UNITED REPUBLIC OF TANZANIA
NATIONAL EXAMINATIONS COUNCIL OF TANZANIA
DIPLOMA IN SECONDARY EDUCATTION EXAMINATION

738 INFORMATION AND COMMUNICATION TECHNOLOGY

Time: 3 Hours **Year: 2024**

Instructions.

1. This paper consists of sections **A** and **B** with total of **Fourteen(14)** questions.
2. Answer **all** questions
3. Section **A** comprises **Ten (10)** questions with total of **40** marks, while section B has four questions with total of **60** marks..
4. Cellular phones are **note** 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. Each question has **four (4)** marks.

1. Classify computer according to the physical size.

2. Examine how to select the best communication method by comparing traditional mail and electronic mail.

3. Elaborate four features of interactive multimedia in the teaching and learning process at teacher colleges.

4. Describe the steps to filter a dataset for student with unpaid college fees using the filter command.

5. Describe the effects of exposing teenagers to unguided internet and social media.

6. Explain best ways to arrange computer desks in a computer laboratory.

7. Explain the importance of opting for interactive multimedia.

8. Explain how adapting electronic communication in schools fosters science and technology.

9. Analyze four main steps to be followed when designing a database.

10. understand Microsoft Publisher essentials: templates, shapes, WordArt, and design principles for effective publications.

SECTION B (60 Marks)

Answer **all** questions from this section. Each question has **fifteen (15)** marks.

11. Explain five precautions that face a computer user after using it for longtime.

12. Agree that the computer technology offers teachers and student as a supportive learning environment.

13. Explain why the application of ICT in current Tanzania education system remains a challenge.

14. Analyze the components of multimedia that clarify the multimedia.