THE UNITED REPUBLIC OF TANZANIA

NATIONAL EXAMINATION COUNCIL

DIPLOMA IN TECHNICAL EDUCATION EXAMINATION

772 **EDUCATION**

Time: 3 Hour. **Tuesday, 12 May 2009 p.m**

Instructions

1. This paper consists of **seven (7)** questions.
2. Answer **five (5)** questions only.
3. Each question carries **twenty (20)** marks.
4. All communication devices and any unauthorised materials are **not** allowed in the examination room
5. Write your **Examination Number** on every page of your answer booklet(s)

1. (a) What do you understand by the term pedagogy in the context of technical education?

   (b) Give one difference between pedagogy and andragogy in training.

   (c) Explain the following aspects as they apply in adult learning:

   (i) Learning motivation.

   (ii) Experience.

   (iii) Readiness to learn.

   (iv) Orientation to learning.

2. (a) Define curriculum implementation.

   (b) Identify four major barriers to effective curriculum implementation in technical institutions.

   (c) Briefly explain how each barrier mentioned in (b) can be addressed.

3. (a) List five objectives of using teaching aids in the workshop environment.

   (b) Describe three types of teaching aids that are most suitable for vocational training and explain their importance.

4. (a) Mention four characteristics of a competent technical teacher.

   (b) With examples, differentiate between formative and summative evaluation in vocational education.

   (c) Outline four roles of assessment in the teaching-learning process.

5. (a) What is lesson planning?

   (b) Explain two advantages of preparing a lesson plan before entering a classroom.

   (c) State and explain five important components of a standard lesson plan used in technical education.

6. (a) Identify and describe two teaching methods commonly used in technical training.

   (b) What are the strengths and limitations of each method you identified in (a)?

   (c) In what situations would you apply each of those methods effectively?

7. (a) Give one example of a value and one of an attitude that a technical teacher should promote among students.

   (b) State three differences between values and attitudes.

   (c) Explain four strategies you would use to promote positive values and attitudes in your students during workshop training.