THE UNITED REPUBLIC OF TANZANIA

NATIONAL EXAMINATION COUNCIL

DIPLOMA IN TECHNICAL EDUCATION EXAMINATION

772 **EDUCATION**

Time: 3 Hour. **Tuesday, 14 May 2001 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 is meant by the term “learning style”?

   (b) Explain four different types of learning styles commonly observed in technical students.

   (c) Describe three strategies a teacher can use to address different learning styles in a single technical class.

2. (a) Define the term “technical curriculum.”

   (b) State and explain four elements of a technical curriculum.

   (c) How can teachers contribute to the effective implementation of the technical curriculum at the institutional level?

3. (a) Explain the difference between teaching aids and teaching methods.

   (b) Identify and describe three categories of teaching aids used in vocational education.

   (c) Outline three benefits of using teaching aids in practical subjects.

4. (a) What is the meaning of the term “competency-based curriculum”?

   (b) With reference to technical education, explain the following components of a competency-based curriculum:

   (i) Learning outcomes.

   (ii) Performance criteria.

   (iii) Assessment methods.

   (iv) Learner progression.

   (c) Describe three challenges in implementing competency-based curriculum in vocational training institutions.

5. The table below presents a simplified teacher evaluation form:

Evaluation Criteria	Rating (1–5)	Comments
Lesson clarity		
Use of teaching aids		
Class participation		
Time management		

(a) (i) Explain the importance of each criterion listed in evaluating teacher performance.

(ii) How can data from such evaluation forms be used to improve instructional quality in technical education?

(b) Identify three possible limitations of using this form in teacher performance evaluation.

6. (a) What do you understand by the term “instructional supervision”?

(b) State and explain four key responsibilities of an instructional supervisor in a technical institution.

(c) Discuss three ways instructional supervision contributes to teacher development.

7. (a) Define the term “learning barriers.”

(b) Outline four types of learning barriers common in technical education environments.

(c) Suggest four practical ways teachers can overcome learning barriers in the classroom or workshop.