THE UNITED REPUBLIC OF TANZANIA

NATIONAL EXAMINATION COUNCIL

DIPLOMA IN TECHNICAL EDUCATION EXAMINATION

772 **EDUCATION**

Time: 3 Hour. **Tuesday, 17 May 2012 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 “classroom communication”?

   (b) State four characteristics of effective communication in a technical classroom.

   (c) Describe three barriers to effective classroom communication and suggest one solution for each.

   (d) Explain the role of non-verbal communication during practical demonstrations.

2. (a) Define the term “instructional planning.”

   (b) Mention four reasons why instructional planning is important for technical teachers.

   (c) Describe the difference between long-term and short-term instructional planning.

   (d) State three consequences of poor instructional planning in a vocational classroom.

3. (a) Explain the concept of “competence-based assessment” (CBA).

   (b) Identify four tools commonly used in CBA.

   (c) Outline three advantages of using CBA in assessing practical skills.

   (d) Briefly explain how feedback is integrated into CBA.

4. (a) What is the meaning of “individualized instruction”?

   (b) State three benefits of individualized instruction in a technical class.

   (c) Mention three limitations of individualized instruction.

   (d) Suggest two strategies a teacher can use to implement individualized instruction effectively.

5. (a) What is meant by the term “lesson monitoring”?

   (b) Give four reasons why lesson monitoring is important in Technical Education.

   (c) Mention three tools used by heads of departments or tutors to monitor teaching.

   (d) Explain two challenges teachers may face during lesson monitoring and provide possible solutions.

6. (a) Define “learning objective.”

   (b) Differentiate between general objectives and specific objectives in lesson planning.

   (c) Write three specific objectives for a lesson on basic circuit wiring.

   (d) Give four reasons why clearly stated objectives are important for effective teaching.

7. (a) What is meant by “learning outcome”?

   (b) State four features of a good learning outcome in Technical Education.

   (c) Give three differences between learning outcomes and learning activities.

   (d) Explain how learning outcomes influence the choice of teaching methods.