THE UNITED REPUBLIC OF TANZANIA

NATIONAL EXAMINATION COUNCIL

DIPLOMA IN TECHNICAL EDUCATION EXAMINATION

772 **EDUCATION**

Time: 3 Hour. **Tuesday, 13 May 2013 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) Define the term “technical pedagogy.”

   (b) Explain four major areas covered in technical pedagogy for teacher preparation.

   (c) Differentiate between general pedagogy and technical pedagogy in the context of teacher training.

   (d) State three reasons why technical pedagogy is crucial for instructors in vocational training institutions.

2. (a) What is meant by the term “learner assessment”?

   (b) Identify four principles that guide fair and effective assessment in Technical Education.

   (c) Describe three types of assessments commonly used in vocational training and their purposes.

   (d) Explain two ways in which poor assessment practices can negatively affect learner performance.

3. (a) Explain the meaning of “inclusive education” in technical training institutions.

   (b) State three benefits of practicing inclusive education in Technical and Vocational Education.

   (c) Describe three strategies teachers can use to support students with diverse needs in technical classrooms.

   (d) Mention two challenges in implementing inclusive education and suggest solutions for each.

4. (a) What is the purpose of a lesson note?

   (b) Mention five key elements found in a well-written lesson note.

   (c) Explain the relationship between a lesson note and a scheme of work.

   (d) Give two reasons why keeping records of lesson notes is important for a teacher.

5. (a) Define the term “educational technology.”

   (b) Mention four types of educational technologies that can be applied in vocational teaching.

   (c) Describe three advantages of using educational technology in Technical Education.

   (d) Give two limitations teachers may face when using educational technology and suggest one possible solution for each.

6. (a) What is teacher professional development?

   (b) State four methods through which teachers in technical institutions can engage in professional development.

   (c) Describe three benefits of continuous professional development for technical educators.

   (d) Explain two challenges that may hinder effective professional development in vocational training institutions.

7. (a) Define the term “work-based learning.”

   (b) Identify four forms of work-based learning commonly used in Technical Education.

   (c) Explain three benefits of work-based learning for technical students.

   (d) Mention two responsibilities of the teacher during student industrial attachment.