THE UNITED REPUBLIC OF TANZANIA

NATIONAL EXAMINATION COUNCIL

DIPLOMA IN TECHNICAL EDUCATION EXAMINATION

772 **EDUCATION**

Time: 3 Hour. **Tuesday, 16 My 2017 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 “scheme of work”?

   (b) Give four reasons why a scheme of work is important in technical education.

   (c) List five elements that must be included in a good scheme of work.

   (d) Explain two differences between a scheme of work and a lesson plan.

2. A teacher prepared the following training outline for a practical session in mechanical fitting:

Topic	**Tools and Their Uses**
Specific Objective	Learners should be able to identify and use common hand tools
Teaching Method	Demonstration and Practice
Duration	2 Hours
Materials	Workshop tools, tool board, chart
Assessment	Oral questions

   (i) Identify three weaknesses in the assessment strategy used in this outline.

   (ii) Suggest two improvements to make the assessment more effective.

   (iii) Mention three ways a teacher can ensure safety during this practical lesson.

3. (a) Define the term “lesson evaluation”.

   (b) Explain four purposes of evaluating a lesson in Technical Education.

(c) Describe three methods a teacher can use to evaluate a lesson after delivery.

(d) State two benefits of involving students in lesson evaluation.

4. (a) What is classroom discipline?

   (b) Give four causes of indiscipline among students in technical colleges.

   (c) Suggest four measures a teacher can use to maintain discipline in a workshop setting.

   (d) Explain how teacher behavior can influence student discipline.

5. (a) What is meant by individualized instruction?

   (b) State four benefits of using individualized instruction in Technical and Vocational Education.

   (c) Give three limitations of individualized instruction in practical training.

   (d) Describe three strategies a teacher can use to manage individualized learning in large classes.

6. (a) Define the concept of "feedback" in teaching and learning.

   (b) Mention four qualities of effective feedback in technical classrooms.

   (c) With examples, explain how immediate and delayed feedback influence learning.

   (d) State three risks of giving poor or negative feedback to learners.

7. (a) Outline five criteria for selecting a training method in vocational education.

   (b) Give three advantages of using role-play as a teaching method in technical subjects.

   (c) List four differences between teacher-centered and learner-centered approaches.

   (d) Explain two reasons why a technical teacher must reflect on their teaching after every lesson.