

**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)

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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.