THE UNITED REPUBLIC OF TANZANIA

NATIONAL EXAMINATION COUNCIL

DIPLOMA IN TECHNICAL EDUCATION EXAMINATION

772 **EDUCATION**

Time: 3 Hour. **Tuesday, 18 My 2019 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 "Technical and Vocational Education and Training (TVET)"?

(b) Outline five national goals of Technical and Vocational Education in Tanzania.

(c) State four reasons why TVET is critical for Tanzania's development agenda.

(d) Mention three strategies the government has employed to strengthen TVET delivery.

2. A student teacher designed the following scheme of work extract:

Week	**Topic**	**Specific Objectives**	**Teaching Methods**	**Teaching Aids**
3	Safety in Workshop	(i) Identify common workshop hazards. (ii) Demonstrate safe handling of tools.	Demonstration and Discussion	Safety Posters, Tool Kit

(i) Identify three strengths and two weaknesses in this scheme.

(ii) Suggest three improvements that would make this scheme more effective.

(iii) List three general factors to consider when preparing a scheme of work in Technical Education.

3. (a) Explain the meaning of classroom management.

(b) Describe four classroom management skills necessary for effective teaching.

(c) Explain the importance of each of the following in classroom control:

(i) Clear instructions

(ii) Time management

(iii) Reinforcement

(iv) Seating arrangement

4. (a) What is a teaching method?

(b) Explain the following teaching methods by giving one example in each:

(i) Demonstration

(ii) Problem-solving

(iii) Simulation

(iv) Lecture

(c) Give four reasons why a technical teacher should use a variety of teaching methods.

5. (a) Define the term "motivation" in the context of education.

(b) Identify and explain four types of motivation a teacher can apply in a workshop situation.

(c) Describe three ways in which poor motivation affects learners' performance in Technical Education.

6. (a) Explain the role of guidance and counselling in Technical Education institutions.

(b) Identify four personal problems students may face that require counselling.

(c) State four qualities of an effective teacher-counsellor.

(d) Discuss three limitations of guidance and counselling programmes in most vocational institutions.

7. (a) What is an occupation analysis?

(b) Outline the stages followed when conducting an occupation analysis.

(c) Explain the relevance of occupation analysis in curriculum development for technical training.

(d) Provide three examples of how occupation analysis outcomes can influence training content in your area of specialization.