THE UNITED REPUBLIC OF TANZANIA

NATIONAL EXAMINATION COUNCIL

DIPLOMA IN TECHNICAL EDUCATION EXAMINATION

722 **EDUCATION**

Time: 3 Hour. **Year: 2020**

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 "curriculum" as used in Technical Education.

(b) State four major characteristics of a curriculum in vocational and technical training.

(c) Differentiate between official curriculum and hidden curriculum.

(d) Briefly describe four challenges that hinder effective implementation of the curriculum in Technical Institutions.

2. (a) What is lesson planning?

(b) Mention four importance of lesson planning in technical teacher preparation.

(c) Describe five components that should be included in a standard lesson plan in Technical Education.

3. (a) What is Competency-Based Education and Training (CBET)?

(b) Outline four principles of CBET.

(c) Explain three advantages and three limitations of CBET in vocational training.

4. (a) Define the term "instructional media".

(b) Mention four types of instructional media used in Technical Education.

(c) Describe five roles of instructional media in enhancing teaching and learning in workshops.

5. (a) Explain the term “educational psychology” and its relevance to teaching.

(b) Identify four learning theories relevant in Technical Education.

(c) For each learning theory in (b), briefly describe its application in classroom instruction.

6. (a) Define the term "assessment" in the context of Technical Education.

(b) Differentiate between formative and summative assessment.

(c) List five principles of good assessment in Technical Training.

(d) Describe four tools commonly used in assessment of practical skills.

7. (a) Define habit and skill as applied in Technical Education.

(b) With three points, show how the process of forming a habit differs from that of forming a skill.

(c) List four stages in learning a motor skill.

(d) Explain how a technical teacher can guide students to master a skill effectively.