

051106T4APB

APPLIED BIOLOGY LEVEL 6

APB/OS/AB/CR/03/6/A

Perform Taxonomic Studies

Nov/Dec 2024



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

PRACTICAL ASSESSMENT

2 HOURS

This paper consists of THREE (3) printed pages.

Candidate should check the question paper to ascertain that all pages are printed as indicated and that no questions are missing.

INSTRUCTIONS TO CANDIDATE:

You are required to perform the following tasks:

Task 1 : Specimen Y Observation

- i. Place a piece of specimen **Y** on a slide and observe it under the microscope. Sketch a well labeled presentation of the growth as seen on microscope
- ii. Identify specimen **Y**
- iii. Mention the kingdom in which **Y**
- iv. Give the difference between **Y** and **Z**

Y	Z

TASK 2.**I. Observe and record the observable features of specimen X****OBSERVABLE FEATURES**

II. Name;

Male part of specimen X	Female part of specimen X

TASK 3: Observe and record the general characteristics of specimen M and N

- i. Give the observable differences of **M** and **N**
- ii. Identify the specimen respectively

You are provided with:

- i. 1 piece of specimen **Y**
- ii. 1 piece of specimen **Z**
- iii. 1 piece of mature plant **X**
- iv. Organism **M**
- v. Organism **N**
- vi. Microscope
- vii. Hand lens
- viii. White tile
- ix. Pair of forceps
- x. Scalpel
- xi. A pair of gloves
- xii. Mask
- xiii. Forceps
- xiv. Glass slides

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