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051106T4APB

APPLIED BIOLOGY LEVEL 6

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

Perform Taxonomic Studies

March/April 2025

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

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PRACTICAL ASSESSMENT

TIME: 3 HOURS

INSTRUCTIONS TO CANDIDATE:

1. You are required to perform the following tasks:

   TASK 1: Observe the specimens K, L, M, N and O, identify them into their correct hierarchical classification groups using their features.

   TASK 2: Observe specimen P under the microscope, draw and compare its observable features with those of specimen Q.

   TASK 3: Observe, identify specimen R and S and note the difference in their reproductive adaptive features.

2. You have been provided with the following resources for the practical tasks:

- Gloves
- Magnifying glass or hand lens
- Microscopic slides and cover slip
- Specimen K
- Specimen L
- Specimen M
- Specimen N
- Specimen O
- Specimen P
- Specimen Q
- Specimen R
- Specimen S
- Magnifying glass or hand lens
- Observation sheets
- Petri dishes
- Microscope
- Disposal bin
- Face mask
- Adhesive labels
- Mounting pins
- Dropper
- Note book
- White tiles
- Sterile water
- Disinfectant (for cleaning surfaces)

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