

051106T4APB

APPLIED BIOLOGY LEVEL 6

APB/OS/AB/CR/02/6/A

Carry out Microbiological Techniques

March/April 2025



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

PRACTICAL ASSESSMENT

TIME: 3 HOURS

INSTRUCTIONS TO CANDIDATE:

1. You are required to perform the following tasks:
 - i. Carry out inoculation of specimen A using streak plate method.
 - ii. Perform gram stain using Specimen labelled B and Visualize the content of the slide on a compound light microscope.
2. You have been provided with the following resources for the practical tasks:
 - Inoculating loop
 - Bunsen burner
 - Indelible marker or wax pencil
 - Specimen A
 - Incubator set at 35°C
 - Staining rack

- Specimen B
- Oil immersion
- Microscope
- Microscope slides
- Labels
- Distilled water
- Crystal violet stain
- Iodine solution
- Alcohol
- Safranin stain
- Paper towels
- Mask
- Sterile agar plates
- Disposable gloves

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