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051106T4APB

APPLIED BIOLOGY LEVEL 6

APB/OS/AB/CR/01/6/A

Carry Out Cytological and Histological Techniques

Nov/Dec 2024

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

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PRACTICAL ASSESSMENT

Time: 2 Hour and 30 Minutes

This paper consists of TWO printed pages.

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

INSTRUCTIONS TO CANDIDATE

1. In this practical assessment, you are required to perform the following tasks:

   Task 1: Prepare for the demonstration.

   Task 2: Carry out sectioning of an embedded tissue using a microtome.

   Task 3: Mount the section on the slide, stain it and then examine under the microscope.

You have been provided with the following resources;

i. Microtome
ii. Tissue block
iii. Microtome Blade
iv. Water Bath.
v. Embedding cassette
vi. Slide Picker or Brush
vii. Staining rack
viii. Glass Slide
ix. Mounting Medium (DPX)
x. Cover Slip.
xi. Disposable Pair of gloves
xii. Stationery
xiii. Labels
xiv. Tap water
xv. Hematoxylin and eosin (H&E)
xvi. Stop watch
xvii. Microscope.

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