

052205T4WLM

WILDLIFE MANAGEMENT ASSISTANT LEVEL 5

WL/OS/WLMA/CR/05/5/A

Provide Plant Taxonomy Services

Nov/ Dec 2024



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

PRACTICAL ASSESSMENT

TIME: 2 HOURS

INSTRUCTIONS TO CANDIDATE

1. You have two hours to perform the Practical Task.
2. In this practical assessment you are provided with slides of different plant specimen and required to perform the specific tasks outlined in the corresponding questions.
3. You are provided with writing materials and images

This paper consists of TWO (3) printed pages

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

REQUIRED

A team of Swedish botanist went for a field study of plants and collected plant samples and labelled them A-Y. The samples are provided in the slides projected. You are required to observe the slides of the plant samples and complete tasks 1-5.

TASK 1: Identify the compound leaves of images as observed in images **A, B, C, D, E, F**

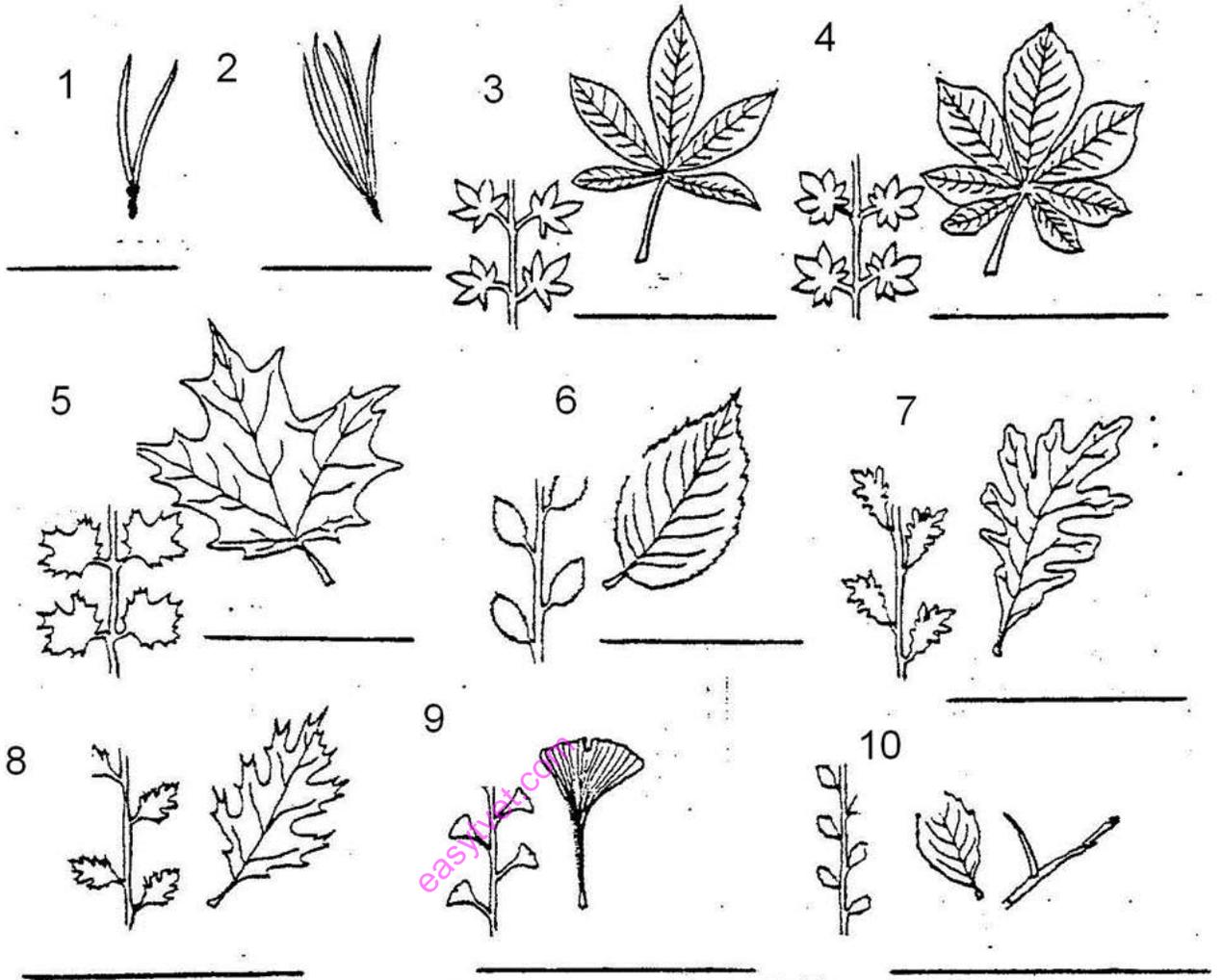
TASK 2; Identify the leaf arrangements of plants as observed in images **G, H, I**

TASK 3: Identify the inflorescent position of the plants as observed images **J, K, L, M, N, O**

TASK 4: With reasons identify the plant families which are represented by the plant specimens as observed images **P, Q, R, S, T**

TASK 5: Identify the invasive species found in Kenya as observed in images **U, V, W, X, Y**

TASK 6: The students of Acacia technical training were provided with the following set of plants. Using the dichotomous key provided give the identity of the plants



TASK 7: A team of students from Linnaeus School of Botany were organizing for a field training exercise in herbarium techniques. You have been tasked with the responsibility of identifying the tools and their functions as observed in the images labelled **ZA, ZB, ZC, ZE, ZF**