



ROBERT MUGABE SCHOOL OF EDUCATION AND CULTURE

DEPARTMENT OF SCIENCE AND TECHNOLOGY EDUCATION

BACHELOR OF EDUCATION HONOURS IN-SERVICE BIOLOGY (SECONDARY)

LEVEL 2 SEMESTER 2

EXAMINATION QUESTION PAPER

MODULE CODE	TDSL 221
MODULE NARRATION	BOTANY
DATE	NOVEMBER 2025
DURATION	3 HOURS

INSTRUCTIONS TO CANDIDATES:

- 1. Answer three questions only.**
- 2. Each question carries 25 marks.**

1. a) Write short notes on the following terms
 - I) binomial nomenclature (2)
 - II) taxonomy (2)
 - III) hierarchy (1)
 - b) The national tree planting day is crucial. Discuss (15)
 - c) Critically assess the importance of Latinized names over common names in botany. (5)
2. Examine the assertion that it is important for the Zimbabwean high school learners to have a thorough knowledge of our indigenous plant species. (25)
3. Discuss the assertion that the family *fabaceae (Leguminosae)* and *Poaceae (Gramineae)* have vast ecological, economic and social importance to Zimbabwe. (25)
4. a) Explain the importance of a herbarium. (4)
- b) Discuss the procedure taken in collecting, identifying and the preserving plant specimen collected for a herbarium. (15)
- c) Choose any two of the following plant species and explain their significance
 - i) *Phaseolus vulgaris*
 - ii) *Oryza sativa* (3+3)
5. The Zimbabwean government has taken strong measures to curb the problem of excessive deforestation of indigenous woodlands. Discuss. (25)

END OF EXAMINATION PAPER