

BINDURA UNIVERSITY OF SCIENCE EDUCATION
SCIENCE & MATHEMATICS EDUCATION DEPARTMENT
HBScEd
DIVERSITY OF LIFE 1 (BZH101)

EXAMINATION 1
2 HOURS (100 MARKS)

JAN 2025

INSTRUCTIONS

Answer FOUR questions. You MUST answer QUESTION 1 (Section A) and any THREE questions from Section B. Each question carries 25 MARKS. Where a question contains subdivisions, the mark value of each subdivision is given in brackets. Illustrate your answers, where appropriate, with large, clearly labelled diagrams. You should not spend more than thirty minutes on each question.

SECTION A (COMPULSORY)

1. (a) Make a labelled diagram of named fungi. (10 marks)
- (b) State five differences between plants and fungi. (5 marks)
- (c) Describe the economic importance of fungi. (10 marks)

SECTION B

2. Discuss diversity in the kingdom Protista.
3. (a) Outline distinguishing characteristics of the kingdom prokaryotea. (15 marks)
- (b) Describe five kingdom classification. (10 marks)
4. Explain why angiosperms are the most successful in terrestrial ecosystems.
5. Write an essay on economic importance of biodiversity.
6. (a) Outline differences between fungi and plants. (10 marks)
- (b) Distinguish between monocotyledonae and Dicotyledonae. (15 marks)

END OF EXAMINATION QUESTION PAPER