

BINDURA UNIVERSITY OF SCIENCE EDUCATION

JUN 2025

FACULTY OF SCIENCE AND ENGINEERING

THE SCHOOL OF GEOSCIENCES, DISASTER AND DEVELOPMENT

GEOSCIENCES DEPARTMENT

**MASTER OF SCIENCE DEGREE IN NATURAL RESOURCE MANAGEMENT AND
ENVIRONMENTAL SUSTAINABILITY**

MG506: LAND DEGRADATION AND RURAL SUSTAINABILITY

EXAMINATION

TIME: 3 HOURS

**ANSWER ANY THREE QUESTIONS. USE ILLUSTRATIONS AND DIAGRAMS
WHERE RELEVANT. MARKS FOR EACH QUESTION ARE INDICATED IN
BRACKETS [].**

1. The issue of land degradation has worsened in the contemporary period. With reference to examples, examine the current contributory factors to this societal challenge. Propose practical solutions to the dilemma. [25]
2. Discuss the assertion that, 'The degradation of flora and fauna is part of the prolonged land degradation issues bedevilling sustainable development in Zimbabwe and making the attainment of upper middle income by 2030 a far-fetched agenda.' [25]
3. Examine the relevance of the Sustainable Rural livelihood Framework (SRLF) in dealing with the issues of land degradation and rural sustainability. [25]
4. Demonstrate how land degradation in local communities has become a disaster risk phenomenon not to consider lightly. [25]
5. Given a task on land degradation assessment in a local community, elaborate on how you would successfully conduct the assessment. [25]