

BINDURA UNIVERSITY OF SCIENCE EDUCATION

FACULTY OF SCIENCE

DEPARTMENT OF GEOGRAPHY

MSC CLIMATE CHANGE AND SUSTAINABLE DEVELOPMENT

MCS 505: CLIMATE CHANGE AND ECOSYSTEM SERVICES

EXAMINATIONS

 **MAR 2023**

TIME: 3 HOURS

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

1. Examine the role of ecosystems in improving the wellbeing of rural communities in Southern Africa. [25]
2. Assess the approaches that can be employed to quantify ecosystem services. [25]
3. Examine the importance of governance in managing the impact of climate change on ecosystems. [25]
4. Discuss the contention that policy implementation remains a critical pillar in managing the impacts of climate change on ecosystems. [25]
5. Assess the strategies that can be employed to contend with conflict arising from the impact of climate change on the use of ecosystem services. [25]

End of Examination