

BINDURA UNIVERSITY OF SCIENCE EDUCATION
FACULTY OF SCIENCE AND ENGINEERING
THE SCHOOL OF GEOSCIENCES, DISASTER AND DEVELOPMENT
DEPARTMENT OF GEOSCIENCES
MSC CLIMATE CHANGE AND SUSTAINABLE DEVELOPMENT
MCS 505: CLIMATE CHANGE AND ECOSYSTEM SERVICES

EXAMINATIONS

 **JUN 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 sustaining livelihoods in the face of climate change in Southern Africa. [25]
2. Assess the role of models in the management of ecosystems in climate sensitive areas in Zimbabwe. [25]
3. Examine the rationale for ecosystem management in climate prone zones in Zimbabwe. [25]
4. Discuss the contention that without an adaptation strategy, ecosystems are prone to degradation due to climate change induced activities. [25]
5. Examine the strategies that can be employed to contend with threats posed to ecosystems health in Zimbabwe. [25]

End of Examination