

**BINDURA UNIVERSITY OF SCIENCE EDUCATION**

**FACULTY OF SCIENCE AND ENGINEERING**

**DEPARTMENT OF GEOSCIENCES**

**MSC CLIMATE CHANGE AND SUSTAINABLE DEVELOPMENT**

**MCS 505: CLIMATE CHANGE AND ECOSYSTEM SERVICES**

**EXAMINATIONS**

**TIME: 3 HOURS**

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

1. Examine the factors that enhance the capacity of ecosystems to reduce vulnerability among communities affected by CC in Zimbabwe. [25]
2. Assess the contribution of stakeholder participation in decisions on options critical for climate smart livelihoods. [25]
3. Discuss the argument that lack of ecosystem governance results in failure of ecosystem services to contend with the impact of climate change on societal welfare in Zimbabwe. [25]
4. Examine the role of an adaptation strategy in protecting ecosystems from climate induced activities. [25]
5. Examine the rationale for employing instruments in tackling the use of ecosystem products in the face of climate change. [25]

*End of Examination*