

BINDURA UNIVERSITY OF SCIENCE EDUCATION

FACULTY OF SCIENCE AND ENGINEERING

DEPARTMENT OF GEOGRAPHY

MASTER OF SCIENCE IN CLIMATE CHANGE AND SUSTAINABLE DEVELOPMENT

**MCS512: DISASTER RESILIENCE, MITIGATION AND
MANAGEMENT**

EXAMINATION

 **MAR 2022**

3 HOURS

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

1. Analyse how the differences between the ancient and modern definitions of a disaster influence disaster risk management.
2. Discuss the assertion that Unsustainable development increase exposure to natural hazards.
3. With reference to specific examples explain the following resilience capacities:
 - i. Adaptive [9]
 - ii. Absorptive [8]
 - iii. Transformative [8]
4. With reference to specific examples, examine the relevance of Sustainable Livelihood Framework in strengthening community resilience. [25]
5. Assess the importance of community engagement and participatory planning in disaster risk management. [25]