

**BINDURA UNIVERSITY OF SCIENCE EDUCATION**

**FACULTY OF SCIENCE AND ENGINEERING**

**DEPARTMENT OF DISASTER RISK REDUCTION**

**DMG406: RURAL AND URBAN LIVELIHOODS AND DISASTER RISK  
REDUCTION**

**BACHELOR OF SCIENCE HONOURS DEGREE IN DISASTER  
MANAGEMENT SCIENCES**

**DURATION**

**2  $\frac{1}{4}$  HOURS**

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

- 
1. Linking to a named livelihoods framework, distinguish between rural and urban livelihoods [25]
  2. Discuss the notion that improving rural and urban livelihoods can reduce vulnerability to disasters. [25]
  3. a. Explain the following terms as used in disaster management
    - a. livelihood [5]
    - b. resilience [5]
    - c. adaptive capacity [10]
    - d. sustainable development [5]
  4. Critically analyze how rural livelihoods diversification can curb the effects of climate change on development. [25]
  5. Participatory disaster risk reduction planning has the capacity to ensure cities development. Discuss. [25]