

BINDURA UNIVERSITY OF SCIENCE EDUCATION

FACULTY OF SCIENCE AND ENGINEERING

DISASTER RISK REDUCTION

 **NOV 2024**

MASTER OF SCIENCE DEGREE IN DISASTER RISK MANAGEMENT (MScDRM)

MDR 503: DISASTER RISK MANAGEMENT AND LIVELIHOOD SECURITY

EXAMINATION

TIME: 3 HOURS

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

1. Design a suitable package of strategies for ensuring food and livelihood security in selected disaster prone areas. [25]
2. Demonstrate the opportunities available in livelihood and food production during hazards and disaster events. [25]
3. Discuss the ways in which food and livelihood portfolios are modified by hazards and disasters. [25]
4. Evaluate typical livelihood strategies that at risk or vulnerable people adopt in the face of both rapid and slow onset hazards. [25]
5. Discuss the governance issues around food and livelihood security in hazard and disaster scenarios. [25]