

**BINDURA UNIVERSITY OF SCIENCE EDUCATION**

**FACULTY OF SCIENCE AND ENGINEERING**

**DEPARTMENT OF DISASTER RISK REDUCTION**

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

**DMG101: INTRODUCTION TO DISASTER MANAGEMENT**

**EXAMINATION**

**NOV 2024**

**TIME 3 HOURS**

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

1. a) Define the following terms:
  - i) Hazard [2]
  - ii) Vulnerability [2]
  - iii) Disaster [2]
  - iv) Resilience [2]
  - v) Disaster Risk [3]
  - vi) Mitigation [2]
- b) Explain the four (4) basic protection principles outlined in the Humanitarian Charter. [12]
2. Using the disaster management cycle explain the strategies that were adopted to reduce the adverse impacts of Covid 19 pandemic. [25]
3. Assess the causal factors of disasters. [25]
4. Analyse the Pressure and Release Model (PAR) in understanding the concept of vulnerability. [25]
5. Discuss the policy and legislative framework for disaster management in Zimbabwe. [25]