

BINDURA UNIVERSITY OF SCIENCE EDUCATION
FACULTY OF SCIENCE AND ENGINEERING
SCHOOL OF GEOSCIENCES, DISASTERS AND DEVELOPMENT
DEPARTMENT OF DISASTER RISK REDUCTION
BACHELOR OF SCIENCE HONOURS DEGREE IN DISASTER
MANAGEMENT STUDIES **MAR 2024**
DMG 208: MANAGEMENT OF GEOPHYSICAL HAZARDS

EXAMINATIONS

TIME 2 1/4 HOURS

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

1. Examine the structural strategies that are used to mitigate flood damage. [25]
2. Discuss the mitigation strategies that have been used with great success in reducing damages from hurricanes. [25]
3. Explain the extent to which volcanoes can be predicted. [25]
4. Explain the precursors that are used by scientists in earthquakes prediction. [25]
5. Examine any **three** ways by which tsunamis can be mitigated. [25]