

BINDURA UNIVERSITY OF SCIENCE EDUCATION

FACULTY OF SCIENCE

JAN 2025

GEOGRAPHY DEPARTMENT

BACHELOR OF SCIENCE HONORS DEGREE IN EDUCATION (HBSCED)/

BACHELOR OF SCIENCE DEGREE IN EDUCATION (BSCED)

GG 317: ENVIRONMENTAL HAZARDS AND DISASTER MANAGEMENT

EXAMINATION

TIME: 2 ¼ HOURS

ANSWER ANY 3 QUESTIONS. USE ILLUSTRATIONS AND DIAGRAMS WHERE RELEVANT. MARKS FOR EACH QUESTION ARE INDICATED IN BRACKETS [ ]

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1. Assess the structural and non-structural mitigation strategies for a particular natural hazard. [25]
2. Using examples, explain the following terms:
  - a. Environmental hazard [5]
  - b. Vulnerability [5]
  - c. Disaster risk [5]
  - d. Capacity [5]
  - e. Resilience [5]
3. (a). Explain how environmental degradation translates into disaster risk. [10]  
(b). Outline the classification of hazards, giving examples [15]
4. Explain the phases of a disaster. [25]
5. Assess the measures that can be taken for the reduction of disaster risk resulting from any THREE atmospheric hazards. [25]