

**BINDURA UNIVERSITY OF SCIENCE EDUCATION**

**FACULTY OF SCIENCE AND ENGINEERING**

**GEOGRAPHY DEPARTMENT**

**BACHELOR OF SCIENCE HONOURS DEGREE IN DEVELOPMENT STUDIES**

**DG213: ENVIRONMENTAL HAZARDS**

**EXAMINATION**

**TIME: 2¼ HOURS**

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

1. Define “natural disaster” and provide a brief explanation of the causes of the variations in terms of the number of events in any five (5) of the natural disasters. [10]
  - b). Give a brief explanation of the factors which give rise to the natural disasters you selected above. [15]
2. (a) Provide a detailed explanation of Geophysical hazards. [10]
  - (b) Explain in the context of African hazards why risk and vulnerability are the two terms that are normally used in the description of natural hazards. [15]
3. (a) Explain the psychological impact of disasters. [8]
  - (b) Discuss the extent to which the Zimbabwean government has been able to deal with psychosocial disorders due to disasters in the country. [10]
  - (c) Suggest ways in which the government can improve in dealing with trauma and disaster preparedness. [7]
4. Explain how factors, such as human activities, climate, soil types and topography, influence landslides. [25]
5. Examine the view that, ‘People’s responses to hazards are related to the levels of economic development.’ [25]