

BINDURA UNIVERSITY OF SCIENCE EDUCATION

FACULTY OF SCIENCE AND ENGINEERING

**DEPARTMENTS OF DISASTER RISK REDUCTION AND SUSTAINABLE
DEVELOPMENT**

10 OCT 2024

**BACHELOR OF SCIENCE HONOURS DEGREE IN DISASTER
MANAGEMENT SCIENCES /DEVELOPMENT STUDIES**

DG 213: ENVIRONMENTAL HAZARDS

EXAMINATION

TIME 2½HOURS

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

1. Examine the development of any **three** hazards that are related to tropical cyclones. [25]
2. Examine the internal causes of slope failure in mass movement. [25]
3. Outline the main factors contributing to high rate of road traffic accidents in Zimbabwe. [25]
4. Explain the factors which led to the development of the February 2023 earthquakes in Turkey and Syria. [25]
5. Explain the development of any **ONE** hazard associated with the El Niño Southern Oscillation phenomenon in Southern Africa. [25]