

BINDURA UNIVERSITY OF SCIENCE DUCATION

FACULTY OF SCIENCE AND ENGINEERING

DEPARTMENT OF DISASTER RISK REDUCTION

21 APR 2025

BACHELOR OF SCIENCE HONOURS DEGREE IN DISASTER MANAGEMENT

**DMG410: PUBLIC HEALTH SYSTEMS AND APPROACHES IN
DISASTER RISK REDUCTION**

EXAMINATION

TIME 3 HOURS

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

1. Discuss the assertion that local communities play critical in achieving disaster preparedness in public health care system in disaster prone areas in developing countries. [25]
2. Give a detailed account of how outbreaks of communicable diseases can be prevented and controlled in the temporal shelters during and after the disasters. [25]
3. Explain why mental health issues are often neglected in public health programmes especially in developing countries. [25]
4. "*Women, children and elderly people are the most vulnerable populations*". Discuss in relation to disasters. [25]
5. Outline the importance of diseases surveillance program during and after floods in Zimbabwe and justify any 2 data collection methods that could be used. [25]