

BINDURA UNIVERSITY OF SCIENCE EDUCATION
FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCES
DEPARTMENT: NATURAL RESOURCES
PROGRAMME: BSc NATURAL RESOURCES MANAGERMENTS

COURSE CODE: NR412/ES415 (2): RISK AND DISASTER MANAGEMENT

DURATION: 2 HOURS

TOTAL MARKS: 70

INSTRUCTIONS TO CANDIDATES

 NOV 2023

Answer *Three* questions out of the following five questions. You must answer question *One* from Section A and any *Two* questions from Section B.

SECTION A (COMPULSORY)

1. (a) Define the following terms with respect to disaster management:

i. Risk analysis,	[2 Marks]
ii. Vulnerability assessment,	[2 Marks]
iii. Disaster mitigation,	[2 Marks]
iv. Recovery,	[2 Marks]
v. Emergency preparedness.	[2 Marks]

- (b) Explain how the following technologies can be used in disaster management:

i. Social Media,	[3 Marks]
ii. Geographical Information systems,	[3 Marks]
iii. Remote Sensing,	[3 Marks]
iv. Global positioning system.	[3 Marks]

(c) Critique the assertion that disaster can lead to development.

[8 Marks]

SECTION B

2. Discuss the importance of environmental disaster education in improving community resilience and adaptation to disasters. **[20 Marks]**
3. (a) Explain the role of media in disaster management. **[10 Marks]**

(b) Outline the importance of gender mainstreaming in disaster management. **[10 Marks]**
4. "Climate change is likely to enhance the occurrence and impacts of natural disasters". Discuss. **[20 Marks]**
5. "The vulnerability of people to disasters in Sub Saharan Africa is contingent upon several predisposing factors". Discuss. **[20 Marks]**

END OF PAPER