

BINDURA UNIVERSITY OF SCIENCE EDUCATION
FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE
DEPARTMENT: ENVIRONMENTAL SCIENCE

PROGRAMME: SAFETY HEALTH AND ENVIRONMENTAL MANAGEMENT
COURSE CODE: ESM 116 INTRODUCTION TO ENVIRONMENTAL SCIENCE

DURATION: 2hrs

TOTAL MARKS: 70

INSTRUCTIONS TO CANDIDATES

JUN 2024

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. Anthropogenic processes are more responsible for climate change impacts than natural processes. Discuss.
[30marks]

SECTION B

2. Explain the causes of land degradation, highlighting its impacts and the mitigatory measures that can be employed to control it.
[20marks]
3. Lack of a proper waste management system inevitably leads to environmental pollution. Discuss [20marks]
4. a) Identify the four elements of the environment.
[4marks]
b) Explain how the Anthropocentrism belief might have played a role in environmental issues we face today.
[16marks]
5. With reference to an organization of your choice, explain how the "Deming cycle" may be applied to manage and maintain its environmental goals.
[20marks]

END OF PAPER

