

BINDURA UNIVERSITY OF SCIENCE EDUCATION
FACULTY OF SCIENCE AND ENGINEERING
SUSTAINABLE DEVELOPMENT DEPARTMENT
BACHELOR OF SCIENCE HONOURS DEGREE IN DEVELOPMENT STUDIES
(HBSc.DGSc)
DG415: CLIMATE CHANGE AND DEVELOPMENT

EXAMINATION

TIME: 2¼ HOURS

ANSWER ANY THREE QUESTIONS. MARKS ALLOCATED FOR EACH QUESTION ARE INDICATED IN BRACKETS [].

1. Explain the following terms:

JUN 2025

 - a. Climate Change [5]
 - b. Earth Energy Balance [5]
 - c. Adaptation [5]
 - d. Mitigation [5]
 - e. Development Dilemma [5]

[25]
2. Describe the effect that the physical drivers of climate change have had on the Zimbabwean climate. [25]
3. Discuss how the Southern African Region has contributed to the anthropogenic climate change. [25]
4. Examine the impact that climate change has had on global food security. [25]
5. Discuss the impact of Indigenous Knowledge Systems of Zimbabwe have had on climate change mitigation. [25]

END OF EXAMINATION