

BINDURA UNIVERSITY OF SCIENCE EDUCATION
FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE

DEPARTMENT: NATURAL RESOURCES

PROGRAMME: FAES Part II

NR222: Natural Resources Management

DURATION: 2hrs

TOTAL MARKS: 70

INSTRUCTIONS TO CANDIDATES

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 :
 - (i) Natural resources [2 Marks]
 - (ii) Resources preservation [2 Marks]
 - (iii) Environmental service [2 Marks]
 - (iv) Resource degradation [2 Marks]
 - (v) Biodiversity [2 Marks]
- (b) Summarize the natural resource base for Zimbabwe. [20 Marks]

SECTION B

2. Discuss the concept of sustainable natural resources management. [20 Marks]
3. Explain the following principles of natural resources management:
 - (a) Economic efficiency [4 Marks]
 - (b) User pays principles [4 Marks]
 - (c) Law of limiting factors [4 Marks]
 - (d) Environmental stability and equity [4 Marks]
 - (e) Equity [4 Marks]
4. 'Climate change is a major threat to global biodiversity loss.'
Discuss. [20 Marks]
5. Explore the soil and water conservation initiatives in Zimbabwe. [20 Marks]

END OF PAPE