

BINDURA UNIVERSITY OF SCIENCE EDUCATION

BACHELOR OF SCIENCE DEGREE

ESN 102

DEPARTMENT OF NATURAL RESOURCES

BSc PART I: Examination

INTRODUCTION TO FOREST RESOURCES

2 HOURS (70 MARKS)

NOV 2023

INSTRUCTIONS

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) Explain what constitutes a country's forest resources? **[3 MARKS]**
(b) Outline the benefits of having an up-to-date national forest inventory. **[7 MARKS]**
(c) Examine the contribution of non-timber forest products in rural community development. **[10 MARKS]**
(d) Discuss how biological diversity can be affected by veld fires. **[10 MARKS]**

SECTION B

2. Discuss the merits and demerits of decentralizing forest resource management in Zimbabwe. **[20 MARKS]**
3. Describe the challenges faced by Zimbabwe's forestry sector in the sustainable management of the country's forest resources. **[20 MARKS]**
4. Examine the factors that can influence the availability and distribution of forest resources. **[20 MARKS]**
5. Evaluate the effects of climate change on Zimbabwe's forest resources. **[20 MARKS]**

END OF PAPER