

# **BINDURA UNIVERSITY OF SCIENCE EDUCATION**

## **BACHELOR OF SCIENCE DEGREE**

**ESN 102(2)**

### **DEPARTMENT OF NATURAL RESOURCES**

#### **BSc PART I: Examination**

### **INTRODUCTION TO FOREST RESOURCES**

**2 HOURS (70 MARKS)**

 MAR 2022

#### **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) Explain 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. Describe the factors that can influence the availability and distribution of forest resources. **[20 MARKS]**
5. Discuss the possible effects of climate change on Zimbabwe's forest resources. **[20 MARKS]**

**END OF PAPER**