



**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**FACULTY OF ENVIRONMENTAL SCIENCE**

**DEPARTMENT OF FOREST RESOURCES AND WILDLIFE MANAGEMENT**

**FOREST MANAGEMENT (EFW 4109)**

**Main Examination Paper**

**December 2024**

This Examination Paper consists of 2 pages

Time Allowed: 3 hours  
Total Marks: 100  
Special Requirements: NIL  
Internal Examiner: Dr E. Mufandaedza  
External Examiner: Prof. E. Chivandi

**INSTRUCTIONS**

1. Answer **QUESTION ONE** and any **THREE** others
2. Each question carries 25 marks
3. Use of calculators is permissible

**MARK ALLOCATION**

<b>QUESTION</b>	<b>MARKS</b>
1.	25
2.	25
3.	25
4.	25
5.	25
6.	25
<b>TOTAL</b>	<b>100</b>

1. Discuss the role of certification in sustainable forest management.
2. (a) Explain the concept of forest succession **[10 marks]**  
(b) State the implications of the concept of forest succession on forest management. **[15 marks]**
3. Describe the importance of forest inventory in forest management.
4. Compare and contrast different silvicultural systems.
5. Explain the causes and consequences of forest pests and diseases.
6. Discuss the role of forest policy in sustainable forest management.