NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

FACULTY OF APPLIED SCIENCES
DEPARTMENT OF FOREST RESOURCES AND WILDLIFE MANAGEMENT
BACHELOR OF SCIENCE HONOURS DEGREE
MAIN EXAMINATION

INTRODUCTION TO FORESTRY : EFW 1201

May 2013   **Time Allowed: 3 Hours**   **Total Marks: 100**

INSTRUCTIONS TO CANDIDATES:
Answer **QUESTION ONE** and any **THREE** others**.**   Each question carries **25 marks.**

1. Forest and woodland ecosystems play an essential role in poverty alleviation and rural livelihood enhancement. Discuss.

2. (a) Distinguish between high forest systems and coppice systems
                                                                                          [10 marks]
   (b) With examples, explain any **THREE** seed pre-treatment methods   **[15 marks]**

3. Explain any TWO silvicultural systems that give rise to even aged forests.

4. Explain the importance of :
   (i) Thinning   **[15 marks]**
   (ii) Pruning   **[10 marks]**
   in forest production

5. (a) Explain the method used in classifying woodland ecosystems in Zimbabwe.
                                                                                 [10 marks]

   (b) Provide detailed descriptions any **THREE** Zimbabwean woodland ecosystems.
                                                                                 [15 marks]

6. Forests and woodlands should be totally protected from disturbances. Discuss.

*** END OF PAPER ***