

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

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

PLANT SYSTEMATICS AND FIELD IDENTIFICATION: EFW 2203

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. Evaluate various sources of taxonomic information that can be used in plant systematics and field identification.
2. Describe woody plant vegetation physiognomies in Zimbabwe, illustrating each with at least **one** floristic example.
3. Provide an overview of the ecology and phenology of *Faidherbia albida* and explain its ecosystem significance.
4. Discuss the impact of **named** exotic trees introduced into various habitats in Zimbabwe.
5. Describe the range of habitats and uses of the family Fabaceae (Leguminosae) to show its importance in Zimbabwe.
6. Describe the ecology and habitats of **named** medicinal trees in Zimbabwe and explain why they could be threatened.

***** END OF PAPER *****

