

BINDURA UNIVERSITY OF SCIENCE EDUCATION

FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE

AGC 224

**Department of Crop Science
Bachelor in Science Education Part II Examination
Perennial Crop Production**

MAR 2024

MARKING GUIDE

1. Outline tea production practices in the face of climate change. **[25 marks]**
2. Discuss the following aspects of citrus production and highlight their importance;
 - a) pruning, **[5 marks]**
 - b) mulching, **[5 marks]**
 - c) soil fertility management, **[5 marks]**
 - d) desuckering and, **[5 marks]**
 - e) Sowing dates. **[5 marks]**
3. Discuss factors affecting yield in banana production. **[25 marks]**
4.
 - a) Assess the opportunities and challenges for small-scale cashew nut processors in Zimbabwe. **[10 marks]**
 - b) Discuss the disease management in citrus production in Zimbabwe. **[15 marks]**
5. Discuss five factors that influence crop rotation choice in perennial crop production. **[25 marks]**
6. Write notes on coffee production under the following headings;
 - a) Weed control, **[5 marks]**
 - b) Rejuvenation, **[5 marks]**
 - c) Leaf sampling, **[5 marks]**
 - d) Harvesting and, **[5 marks]**
 - e) Processing and drying **[5 marks]**