

BINDURA UNIVERSITY OF SCIENCE EDUCATION

FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE

**Department of Crop Science
Bachelor of Agricultural Science (Honors) Part II Examination
Annual crop Production (AGC 223)**

3 HOURS (100 Marks)

 **MAR 2023**

INSTRUCTIONS

Answer any **FOUR** questions. Each question carries **25 marks**.

1. Describe the topping and desuckering of tobacco highlighting the advantages of the two practices in increasing yield [25 marks]
2. Discuss soyabean production under the following headings
 - a) Land preparation [10 marks]
 - b) Fertilizer application [8 marks]
 - c) Harvesting [7 marks]
3. Discuss the various growth stages of wheat and how they are affected by temperature [25 marks]
4. Discuss the various growth stages of cotton and the associated problem pests [25 marks]
5. Discuss how soyabean is protected from the effects of the following
 - a) Rust disease [10 marks]
 - b) Semilooper [15 marks]
6. Describe the planting methods of groundnuts and how they affect attainable yield [25 marks]

END OF PAPER