

BINDURA UNIVERSITY OF SCIENCE EDUCATION

FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE

AGA 405/ AGA 419/ AGA 427 [3]

Department of Agricultural Science

BSc. Agricultural Science (Honours) Part III Examination

Monogastric Production/ Monogastric Animal Production/ pig and Poultry Production

3 HOURS (100 Marks)

Nov/ Dec

INSTRUCTIONS

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

1. (a) Describe the characteristics of good quality hatching egg [10 marks]
(b) Describe the ideal management of eggs from the breeder farm to egg setting. [15 marks]
2. Discuss five major causes of chick mortality in the first week of commercial broiler production and . Suggest possible solutions. [25 marks]
3. Discuss an ideal clean-out procedure from time of picking the last bird and refurbishing the chicken house. [25 Marks]
4. Fowl Coryza can be a big challenge to control once there is an outbreak on a multi- age commercial layer farm. Discuss how the disease the following headings:
(a) Causative organism [2 Marks]
(b) Signs and symptoms [10 Marks]
(c) Prevention [5 Marks]
(d) Treatment and control [8 Marks]
5. Give an account of good piglet management from birth to weaning [25 Marks]
6. (a) Recommend good sow management from parturition to next conception [10 Marks]
(b) Discuss the use of natural service and artificial insemination in pigs. [15 marks]

End of Paper