

BINDURA UNIVERSITY OF SCIENCE EDUCATION
FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE

AGA 124B

DEPARTMENT: ANIMAL SCIENCE
BSc Agricultural Science Animal Science and Technology Part IV Examination
BSc Animal Health and Production Extension Part I Examination

INTRODUCTION TO VETERINARY PATHOLOGY

DURATION: 3 HOURS

TOTAL MARKS: 100

INSTRUCTIONS: Answer any FOUR questions. Each question carries 25 Marks

- 1) a) Define the following terms
(i) Endogenous pigments (1)
(ii) Exogenous pigments (1)
b) List three (3) endogenous pigments common in domestic animals. (3)
c) Describe the origin and colour of pigments in (b) (8)
d) Explain the mechanisms used by the body to defend itself from harm. (12)
- 2) a) Explain necrosis and its causes in animals (10)
b) Explain in detail the causes of diseases. (15)
- 3) a) Write short notes on causes of oedema (5)
b) Describe the gross morphological features of oedema (8)
c) Write short notes on clinical derangements that result in generalized oedema (12)
- 4) a) Write short notes on haemorrhages and its causes (10)
b) Define the following terms (5)
i) Epistaxis
ii) Melema
iii) Hematuria
iv) Hematemesis
v) Hemothorax
c) Describe the gross morphology of haemorrhage. (5)
d) Write short notes on clinical significance of haemorrhage. (5)
- 5) a) Explain the aspects of disease processes which form the core of pathology. (15)
b) Explain the types of necrosis found in tissues. (10)
- 6) Write short notes on the pathology of the following conditions
a) Wooden tongue (5)
b) Lumpy jaw (5)
c) Ruminant tympany (5)
d) Lactic acidosis (5)
e) Jaundice (5)

End of Paper