

BINDURA UNIVERSITY OF SCIENCE EDUCATION
SCIENCE & MATHEMATICS EDUCATION DEPARTMENT
DIPLOMA IN SCIENCE EDUCATION-SCIENCES (DipScEdSc)
ANIMAL SCIENCE (DB002) (4) EXAMINATION

MAR 2023

DURATION: 2 HOURS

100 MARKS

INSTRUCTIONS TO CANDIDATES

Answer **FOUR** questions. You **MUST** answer QUESTION 1 (Section A) and any **THREE** questions from section B. Each question carries **25 MARKS**. Where a question contains sub-divisions, the mark value of each sub-division is given in brackets. Illustrate your answer where appropriate with large clearly labelled diagrams. You should not spend more than thirty minutes on each question.

SECTION A (COMPULSORY)

1. (a) Outline the functions of the following parts of the human digestive system:
 - (i) Mouth (6 marks)
 - (ii) Oesophagus (7 marks)
- (b) Describe the characteristics of any **two** classes in Phylum Vertebrata. (12 marks)

SECTION B

2. Describe the structure and function of the mammalian heart.
3. (a) Draw a labeled diagram of the female reproductive system. (10 marks)
- (b) Outline the functions of the female reproductive system. (15 marks)
4. Outline the main features of the endocrine system.
5. Describe the structure and function of the kidney in the urinary system.
6. Describe the structure and function of the alveolus.

END OF EXAMINATION QUESTION PAPER