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UNIVERSITY EXAMINATIONS 2022/2023

FIRST YEAR SECOND SEMESTER EXAMINATIONS FOR THE DEGREE OF
BACHELOR OF SCIENCE IN ANIMAL HEALTH AND PRODUCTION

AAP 3154: GROSS ANATOMY II

DATE: APRIL 2023

TIME: 2 HOURS

INSTRUCTIONS: Answer Question ONE and any other TWO questions.

QUESTION ONE (30 MARKS)

- List three veins that are tributaries of the caudal vena cava and the body areas that they supply (6marks)
- Describe the anatomic features of the Avian respiratory system (4marks)
- Differentiate between the mammalian and avian female reproductive system (5marks)
- List the first five cranial nerves and their areas of origin (5marks)
- Differentiate between the features of gross structure of the Bovine and the Ovine kidneys (5marks)
- Describe the gross arrangements on the right and the left side of the lung lobe of a horse (5marks)

QUESTION TWO (20 MARKS)

- List five anatomic features that are in contact with diaphragm in the bovine (5marks)
- Describe the position and structure of the mammalian cerebellum and cerebrum (5marks)
- Differentiate between avian and mammalian digestive gross anatomical features (5marks)
- Describe the gross subdivisions of the simple stomach of the pig (5marks)

QUESTION THREE (20 MARKS)

- With aid of a diagram, describe the gross anatomical features of the Ovine hoof (10marks)
- Describe the position and gross anatomical structure of the bovine udder (10marks)

QUESTION FOUR (20 MARKS)

- a) Describe the deep lymph nodes and the areas they drain (10marks)
- b) Use a well labelled diagram to illustrate the parts of a pig female reproductive system (5marks)
- c) Describe the origin of the obturator nerves and the area they supply (5marks)