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University Examinations 2015/2016

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

AAP 3200: ANIMAL PATHOLOGY

DATE: NOVEMBER 2015

TIME: 2 HOURS

INSTRUCTIONS: Answer question *one* and any other *two* questions

QUESTION ONE (30 MARKS)

- a) Define these terms (5Marks)
- i) Pyknosis
 - ii) Anaplasia
 - iii) Hyperemia
 - iv) Atresia
 - v) Stenosis
- b) How would you differentiate post mortem blood clotting in veins from thrombosis (5 Marks)
- c) Name and describe one developmental anomaly from cardiovascular and urogenital system (5 Marks)

- d) Define these terms
- i) Atrophy
 - ii) Biopsy
 - iii) Brachygnathia
 - iv) Congestion
 - v) Necrosis (5 Marks)
- e) Explain different types of necrosis giving microscopic features (5 Marks)
- f) Explain the process of Rigor Motis (5 Marks)

(QUESTION TWO (20 MARKS))

- a) Explain the process of inflammation as follows
- i) definition
 - ii) signs
 - iii) vascular and cellular changes
 - iv) Name 3 classes of inflammation according to exudate (20 Marks)

QUESTION THREE (20 MARKS)

- a) Define liver cirrhosis and describe microscopic and macroscopic pathological features seen. (5 Marks)
- b) Name the types and characteristics of each type (5 Marks)
- c) Name the
- i) Organs
 - ii) Lesions of digestive system that are examined during post mortem examinations (10 Marks)

QUESTION FOUR (20 MARKS)

- a) Do a comparative analysis of macroscopic and microscopic features of Bronchopneumonia and tuberculosis (10 Marks)

- b) Describe mastitis caused by pyogenic bacteria at an advanced stage giving gross and microscopic features (10 Marks)