



# **MAASAI MARA UNIVERSITY**

**REGULAR UNIVERSITY  
EXAMINATIONS 2018/2019  
ACADEMIC YEAR  
SECOND YEAR FIRST SEMESTER**

**SCHOOL OF TOURISM AND NATURAL  
RESOURCE MANAGEMENT  
BACHELOR OF SCIENCE IN ANIMAL  
HEALTH AND PRODUCTION**

**COURSE CODE: AHP 2103  
COURSE TITLE: GENERAL  
PATHOLOGY**

**DATE: 16<sup>TH</sup> APRIL, 2019  
1130 HR S**

**TIME: 0830 -**

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## **INSTRUCTIONS TO CANDIDATES**

Answer **ALL** questions.

Q1. (a) Mention any five (5) causes of cell injury and death. **(5 marks)**

(b) List five (5) cardinal signs of acute inflammation. **(5 marks)**

(c) Discuss the classification of inflammation.  
**(10 marks)**

Q2. (a) Briefly discuss the gross appearance of a necrotic tissue. **(10 marks)**

(b) Discuss the different types of necrosis.  
**(10 marks)**

Q3. (a) Outline five (5) types of infarcts. **(5 marks)**

(b) Discuss five (5) types of degeneration.  
**(10 marks)**

(c) With the aid of an illustration, explain 4 possible outcomes of thrombosis. **(10 marks)**

Q4. (a) Briefly describe four features of tumors. **(4 marks)**

(b) State any three (3) causes of tumours. **(6 marks)**

(c) Discuss the differences between the benign and malignant tumors. (10 marks)

Q5. (a) Define the term 'shock'. **(1 mark)**

(b) Discuss in detail three types of shock.

**(15 marks)**

(b) State four (4) clinical consequences of shock. **(4**

**marks)**

Q6. (a) Describe briefly verminous thrombus. **(3**

**marks)**

(b) List five (5) types of cytokines. **(5**

**marks)**

(c) Discuss post mortem changes that occur after an animal's death.

**(12 marks)**

\*\*\*\*\*THE END\*\*\*\*\*