



# **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**

**TIME: 0830 - 1130 HRS**

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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\*\*\*\*\*