



# **MAASAI MARA UNIVERSITY**

**REGULAR UNIVERSITY EXAMINATIONS  
2022/2023 ACADEMIC YEAR**

**SECOND YEAR FIRST SEMESTER**

**SCHOOL OF NATURAL RESOURCE, TOURISM,  
AND HOSPITALITY**

**BACHELOR OF SCIENCE IN ANIMAL HEALTH  
AND PRODUCTION**

**COURSE CODE: AHP 2105-1**

**COURSE TITLE: GENERAL PATHOLOGY**

**DATE: 15<sup>TH</sup> DECEMBER, 2022**

**TIME: 1100-1300**

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**INSTRUCTIONS TO CANDIDATES**

Answer **ALL** questions in are **COMPULSORY**

*This paper consists of 2 printed pages. Please turn over*

- 1 a List the five (5) cardinal signs of inflammation. (5 marks)
- b Discuss the pathogenesis of inflammation. (15 marks)
- 2 a Define the following terms:
- i. Radiation injury (2 marks)
  - ii. Agnathia (2 marks)
  - iii. Primary shock (2 marks)
  - iv. Amyloid (2 marks)
- Gangrene (2 marks)
- b b Discuss the etiology and presentation of biliary and enteric calculi. (10 marks)
- 3 a Discuss the differential features of dry, moist, and gas gangrene. (15 marks).
- b Describe the difference between dystrophic and metastatic calcification. (5 marks)
- 4 a Using a table, discuss the difference between the pre-hepatic, hepatic, and post-hepatic jaundice on the basis of etiology and Vanden Berg's reaction. (20 marks)
- 5 a Describe in detail the intrinsic causes of diseases. (14 marks)
- b. State three differences between benign and malignant tumors. (6 marks)
- 6 a State the etiology of hydropic degeneration. (8 marks)
- b Describe the etiology and macroscopic features of atrophy. (10 marks)
- c Describe briefly Freemartinism. (2 marks)

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