



# MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

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## University Examinations 2023/2024

THIRD YEAR SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR  
OF COMMUNITY HEALTH DEVELOPMENT

### HPC 3324: GENERAL AND SYSTEMIC PATHOLOGY

DATE: APRIL 2024

TIME: 2 HOURS

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#### INSTRUCTIONS:

*Answer question one and any other two questions*

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#### SHORT ANSWER QUESTIONS (30 MARKS)

##### Question one

- A Define the following terms (1 mark each)
- i) Pathology
  - ii) Exfoliative cytology
  - iii) Degenerative disease
  - iv) Cancer
  - v) Gaucher disease
- B Name different patterns of necrosis (5 marks)
- C) write short notes on oedems (5 marks)
- D) What are the signs of inflammation (5 marks)
- E) Write short notes on phagocytosis (5 marks)
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F) Discuss Hematogenous spread of cancer (5 marks)

**SECTION B**

**LONG ANSWER QUESTIONS (40 marks)**

**CHOOSE ANY TWO QUESTIONS**

2 i) Discuss the possible outcomes of inflammation (16 marks)

ii) Name any 4 benign tumours (4 marks)

3) Discuss Malignant neoplasms (20 marks)

4) Discuss various imaging methods that are used to make diagnosis (20 marks)