



UNIVERSITY EXAMINATIONS

**THIRD YEAR EXAMINATION FOR THE AWARD OF DEGREE OF
BACHELOR OF MEDICINE AND BACHELOR OF SURGERY
END OF YEAR EXAMINATION 2023/2024
(AUGUST, 2024)**

MEDS 321: PATHOLOGY PAPER 2

STREAM:Y3

TIME: 2 HOURS

DAY: THURSDAY,9.00AM-12.00PM

DATE: 08/08/24

INSTRUCTIONS

- 1.Do not write anything on this question paper.***
- 2.Answer Question ONE and any other THREE Questions***

ANSWER ALL THE QUESTIONS.

QUESTION ONE

Write short notes on:-

- Causes of left ventricular hypertrophy (5 marks)
- Pathological changes of the liver in chronic alcoholism (5 marks)
- Causes of Cushing' s syndrome (5 marks)

QUESTION TWO

List three main causes of thrombogenesis and four sequelae of this condition (5 marks)

QUESTION THREE

Discuss the pathogenesis and morphological features of peptic ulceration of the stomach and duodenum. (5marks)

- What complications arise from such ulcerations. (5 marks)

QUESTION FOUR

- Mention the malignant tumours of thyroid gland. (5 marks)
- How will you diagnose a thyroid nodule in the laboratory? (5marks)

QUESTION FIVE

- (a) Name the tumours of female breast. (5 marks)
- b) How will you diagnose a breast lump in the laboratory including immunohistochemistry? (5 marks)

QUESTION SIX

List **Any four** requirements for ideal erythropoiesis. (5marks)

QUESTION SEVEN

Explain the term “**hemoglobinopathies**” in regard to the dysfunction of the RBC. (5marks)

QUESTION EIGHT

Highlight the four membrane defects that causes haemolytic anaemia. (5marks)

QUESTION NINE

State the classification of Hodgkin’s disease based on their histopathological subsets. (5marks)

QUESTION TEN

Explain any four clinical presentations of chronic lymphocytic leukaemia (5marks)

QUESTION ELEVEN

What is the main difference between?

- a)Passive artificial and active natural immunity. (5 marks)
- b)Primary and secondary lymphoid organs. (5 marks)
- c)Pathogen-associated molecular patterns (PAMPs) and pathogen recognition receptors (PRRs). (5 marks)
- d)Alternative and lectin complement pathways. (5 marks)
- e)Cell mediated immunity and humoral immunity. (5 marks)