



BACHELOR OF PHARMACY HONOURS
FMU4300 PATHOPHYSIOLOGY – LEVEL 4
FINAL EXAMINATION
DURATION: THREE (03) HOURS

DATE: 29TH MARCH 2023

TIME: 09.30 A.M. – 12.30 P.M.

Part B – 04 Structured Essay Questions (60 Marks)

1.

1.1 List five (05) cardinal signs of acute inflammation. (05 marks)

1.2

1.2.1 List two (02) main cellular appearances following cell injury with an example to each. (04 marks)

1.2.2 Briefly describe one (01) of the cellular appearances mentioned in question 1.2.1. (06 marks)

2.

2.1 List six (06) carcinogenic agents. (03 marks)

2.2 Briefly describe the term “metastases” with a suitable example. (04 marks)

2.3 Differentiate benign and malignant tumors. (08 marks)

3.

3.1 List three (03) causes of urinary tract obstruction. (03 marks)

3.2 State three (03) effects of urinary tract obstruction. (03 marks)

3.3 Briefly describe two (02) manifestations of glomerular disease. (04 marks)

3.4 Briefly describe the four (04) stages of Chronic Renal Failure (CRF). (05 marks)

4.

4.1 List four (04) clinical features of cirrhosis. (02 marks)

4.2 Briefly describe the term “acute pancreatitis”. (04 marks)

4.2 Briefly describe three (03) symptoms of diabetes. (09 marks)

