

DATE: 03RD MARCH 2022

TIME: 1.30 P.M. – 4.30 P.M.

Part B – 4 Structured Essay Questions

(Final marks assigned will be calculated to 60 marks)

1.
 - 1.1 Write five (05) clinical features of each of the following conditions. (10 marks)
 - a) Malabsorption syndrome
 - b) Cirrhosis
 - 1.2 List two (02) drugs that cause jaundice and give the type of jaundice that each drug causes. (10 marks)
 - 1.3 List five (05) hepatotropic/hepatic viruses and outcomes for each type. (10 marks)
 - 1.4 Discuss the causes, clinical features and complications of cirrhosis. (20 marks)

2.
 - 2.1 List two (02) symptoms of Diabetes Mellitus and describe the basis for the mentioned symptoms. (10 marks)
 - 2.2 Name two (02) laboratory tests used to diagnose diabetes mellitus. (05 marks)
 - 2.3 Outline the pathogenesis of diabetes mellitus. (20 marks)
 - 2.4 Briefly explain the complications of a diabetic patient having HbA1C value of 12.0 (15 marks)

3.
 - 3.1 Compare and contrast the allergic asthma and non-allergic asthma. (20 marks)
 - 3.2 Briefly explain the pathogenesis of asthma. (15 marks)
 - 3.3 Define the following. (05 marks)
 - a) Emphysema
 - b) Bronchitis
 - 3.4 List two (02) general categories of drugs used to treat asthma with mechanism of action for each category. (10 marks)

4.
 - 4.1 List five (05) causes of cell injury. (10 marks)
 - 4.2 Define the following. (10 marks)
 - a) Regeneration
 - b) Repair
 - 4.3 Briefly outline two (02) mechanisms of cell injury. (20 marks)
 - 4.4 Define the following terms and name one (01) pathological condition each for the following cellular adaptations. (10 marks)
 - a) Hyperplasia
 - b) Hypertrophy

