

EXAMINATION PAPER

SECTION II: SHORT ANSWER QUESTIONS

1. Briefly discuss, giving examples, the different blood components that can be transfused in a patient presenting with features of severe anaemia. (5 marks)
2. Briefly outline the risk factors for development of acute cholecystitis. (5 marks)
3. Using a table, discuss the West Haven criteria for hepatic encephalopathy. (5 marks)
4. Demonstrate the clinical presentation of a patient diagnosed with chronic liver disease. (5 marks)
5. Discuss the physical examination findings observed in a patient diagnosed with acute pancreatitis. (5 marks)
6. Describe the different types of cells in the anterior pituitary while stating the type of hormones that they produce. (5 marks)
7. Discuss the indications for doing dialysis in a patient with chronic kidney disease. (5 marks)
8. Discuss the features of nephrotic syndrome. (5 marks)

SECTION III: LONG ANSWER QUESTIONS

1. A 36-year-old female was admitted with complaints of easy fatigability, awareness of heartbeat and shortness of breath. On physical examination the patient was pale. On stool analysis, ova and cysts were observed.
 - a) What is the most likely diagnosis? Why? (4 marks)
 - b) While giving examples in each, discuss other different etiologies for the above condition. (6 marks)
 - c) With a proper classification, explain the different investigations you will carry out in this patient, and discuss the management modalities. (14 marks)
2. A 48-year-old patient is admitted with complaints of blurring of vision, increased frequency of urination, recurrent episodes of fatigue and weakness. On examination, the patient is dehydrated with a BMI of 25 kg/m². On urinalysis, glycosuria is noted.
 - a) Discuss the classification of the above condition. (8 marks)
 - b) Describe other clinical presentations of the above condition. (6 marks)
 - c) Discuss the criteria for making a diagnosis of the above condition. (6 marks)