

Date: 05-02-2025

0225 E560

Final Year MBBS Examination

III MBBS Part 2 Medicine Paper 1 (New)

Time: 3 hours

Max Marks: 100

1. Answer to the points.
2. Figure to the right indicates marks.
3. Use separate answer books for each section.
4. Draw diagrams wherever necessary.
5. Write legibly.

Section 1

1. Write in detail (Any one out of two)

1x10=10 marks (10)

a) Write about the etiology, clinical features and management of chronic hepatitis.

~~b) Write about the causes, clinical features,~~

complications and management of Acute Glomerulonephritis in the tropics.

2. Case based scenario/Applied short notes (Any two out of three)

2x 6 =12 marks (12)

a) Write the cause,

clinical types, and features of beri-beri.

b) A patient consumes unhygienic food at a roadside restaurant. Within 6 hours he develops watery diarrhea approximately 10 episodes. He is admitted with severe dehydration. (a) What is the diagnosis and what are the most probable organisms involved? (b) Write about the treatment and resuscitation methods for this patient.

c) A young lady presents with anemia. Peripheral smear examination reveals

megaloblastosis with multisegmented neutrophils. (a) What is the probable etiology? (b) What other investigations need to be done for the workup of this patient?

c) A young lady presents with anemia. Peripheral smear examination reveals megaloblastosis and

multisegmented neutrophils (i) What is the etiology (ii) What other investigations you will do in work up of this patient (iii) Write about the treatment of this condition.

3. Write short notes (Any three of four)

3x6 218 marks (18)

a) Write briefly on clinical features and treatment of hypocalcemia.

b) Write briefly on clinical features and investigation and treatment regimens for

Hodgkin's lymphoma.

c) A middle-aged lady has come to collect the liver biopsy report of her husband who is in coma. The report is suggestive of advanced hepatocellular carcinoma. Mention the steps in breaking the news to her.

d) Write about the clinical features and laboratory markers of acute viral Hepatitis A

4. Answer only in 2-3 sentences (Any five out of six) **5X 2=10 marks (10)**

a) Acid base disorder caused by salicylate poisoning.

b) Scurvy,

c) Risk factors for hepatocellular carcinoma.

d) Clinical features of hyponatremia.

e) Hereditary spherocytosis.

f) Clinical features and complications of acute pyelonephritis

Section 2

5. Write in detail (Any one out of two)

1x10=10 marks (10)

a) Write about etiology, clinical presentation, acute complications and treatment of heart failure.

b) Mention the life-threatening features of falciparum malaria. Write about diagnostic aids, treatment and complications of the same.

6. Case based scenario/Applied short

notes (Any two out of three)

2 x 6 = 12 marks (12)

a) A middle-aged lady

presents with acute fever for 2 days, followed by altered mentation, photophobia and neck stiffness... What is the likely diagnosis? Write about laboratory evaluation and treatment.

b) A 13-year-old girl has been presenting with recurrent joint pain and swelling over both knees and right ankle for 3 months. The swelling disappears from one joint and appears in another. Auscultation reveals a mid-diastolic murmur at apex. What is the most probable diagnosis? Write about the diagnostic criteria for this condition.

c) Write about the clinical features, laboratory investigations and treatment of

diabetic ketoacidosis.

7. Write short notes (Any three of four)

3 x 6 = 18 marks (18)

a) Write about the investigation and treatment of osteoporosis in elderly.

b) Write in brief about the clinical features and treatment of Russell's viper envenomation.

c) Write in brief about one gastro-intestinal infection in HIV.

d) Write about the clinical presentation and treatment of tetanus.

8. Answer only in 2-3 sentences (Any five out of six)

5X 2 = 10 marks (10)

- a) ECG features of atrial fibrillation.**
- b) 3 clinical features of Grave's disease.**
- c) 2 drugs used for Leptospirosis.**
- d) 2 complications of pituitary macroadenoma.**
- e) 2 clinical features of acute gout.**
- f) Name 2 non-infectious complications of HIV stage 4.**