

POST GRADUATE EXAMINATION, JANUARY-2025

**MD GENERAL MEDICINE
(PAPER ONE)**

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Describe the pathogenesis of the complications of acute severe malaria. (20)

Q. 2. Discuss the etiology, pathogenesis and management of patients with bleeding and clotting disorders. (20)

Q. 3. Describe briefly: (3 x 10 = 30)

- a. HIV and tuberculosis
- b. Management of neurotoxic snake bite
- c. Legionella pneumonia

Q. 4. Write short notes on: (5 x 6 = 30)

- a. Nutritional needs of a critically ill patient
- b. Anorexia nervosa
- c. Microalbuminuria
- d. Prinzmetal angina
- e. Irritable bowel syndrome

X

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**MD GENERAL MEDICINE
(PAPER TWO)**

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Discuss approach to a case of anemia with generalized lymphadenopathy and hepatosplenomegaly. (20)

Q. 2. Describe etiology, pathophysiology, clinical features and management of acute kidney injury. (20)

Q. 3. Describe briefly: (3 x 10 = 30)

- a. Insulin pumps
- b. Hemophilia
- c. Acute severe malaria

Q. 4. Write short notes on: (5 x 6 = 30)

- a. Bone marrow stimulants
- b. Vitamin D receptor
- c. Thyrotoxic crisis
- d. Management of NAFLD
- e. JAK inhibition

X

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**MD GENERAL MEDICINE
(PAPER THREE)**

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Discuss the physiological changes associated with ageing and the impact of the same on the disorders uniquely associated with the elderly **(20)**

Q. 2. Enumerate and briefly describe pulmonary manifestations of connective tissue disorders. **(20)**

Q. 3. Describe briefly: **(3 x 10 = 30)**

- a. Hypercoagulable states and the associated syndromes
- b. Paraneoplastic syndromes
- c. Infections associated with neutropenia

Q. 4. Write short notes on: **(5 x 6 = 30)**

- a. Genetic counselling
- b. Current management of non-small cell carcinoma lung
- c. Diagnostic criteria of anti-phospholipid antibody syndrome
- d. Gestational diabetes
- e. Nutritional needs in chronic liver disease

X

POST GRADUATE EXAMINATION, JANUARY-2025

**MD GENERAL MEDICINE
(PAPER FOUR)**

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Discuss the recent advances in the management of heart failure. (20)

Q. 2. Describe management of acute myeloid leukemia. What are the newer options in its treatment? (20)

Q. 3. Describe briefly: (3 x 10 = 30)

- a. Enlist 3rd generation antiepileptics and describe any one of them.
- b. Recent advances in immunosuppression after kidney transplantation.
- c. Biologicals and biosimilars

Q. 4. Write short notes on: (5 x 6 = 30)

- a. Current treatment of hepatitis C
- b. Treatment of primary pulmonary hypertension
- c. PCSk-9 inhibitors
- d. Current management of non small carcinoma lung
- e. Acute febrile encephalopathy

X
