

POST GRADUATE EXAMINATION, JUNE - 2023

MD GENERAL MEDICINE

(PAPER ONE)

BASIC SCIENCES IN GENERAL MEDICINE

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Describe the impact of deranged kidney functions on the management of septic shock. **(20)**

Q. 2. Discuss approach to a patient presenting with hypertension, hematuria, RBC casts and mild to moderate proteinuria. **(20)**

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

- a. Scoring systems in liver diseases
- b. Parenteral nutrition in the intensive care
- c. Clinical presentations of tuberculosis

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

- a. Anticoagulation in cerebrovascular disease
- b. Caput medusae
- c. Short stature
- d. Hypercalcemia
- e. Null hypothesis

X

POST GRADUATE EXAMINATION, JUNE - 2023

**MD GENERAL MEDICINE
(PAPER TWO)**

PRACTICE OF MEDICINE (HEMATOLOGY, ONCOLOGY, NEPHROLOGY, ENDOCRINOLOGY & METABOLISM, INFECTIOUS DISEASES, GASTROINTESTINAL & HEPATOBILIARY SYSTEM, CRITICAL CARE MEDICINE)

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

- Q. 1.** Describe the clinical features, diagnosis, treatment and complications of acute respiratory distress syndrome in adults. (20)
- Q. 2.** Discuss diagnostic approach to a patient with short stature. (20)
- Q. 3. Describe briefly:** (3 x 10 = 30)
- a. Approach to a case of hyponatremia
 - b. Insulin pumps
 - c. Management of multiple myeloma
- Q. 4. Write short notes on:** (5 x 6 = 30)
- a. Autoimmune hepatitis
 - b. Treatment of Brucellosis
 - c. Hematological abnormalities in CLD
 - d. Modifiers of renal disease progression
 - e. PET in pyrexia of unknown origin

X

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**MD GENERAL MEDICINE
(PAPER THREE)**

PRACTICE OF MEDICINE (RHEUMATOLOGY, RESPIRATORY SYSTEM, CARDIOVASCULAR DISORDERS, NEUROLOGIC DISORDERS, PSYCHIATRIC DISORDERS, GENETICS AND REGENERATIVE MEDICINE)

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Discuss the role of broncho-alveolar lavage in the diagnosis of interstitial lung disease. **(20)**

Q. 2. Discuss the clinical features, diagnosis, and treatment of acute rheumatic fever **(20)**

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

- a. Lupus flare
- b. Cardiac pacemakers
- c. Management of recurrent gout

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

- a. DRESS syndrome
- b. Psoriatic arthritis
- c. Lung biopsy
- d. Third cranial nerve
- e. Dystonia

X

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MD GENERAL MEDICINE

(PAPER FOUR)

RECENT ADVANCES IN GENERAL MEDICINE

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. What is the role of RRT in critical care? Discuss different methods of dialysis. **(20)**

Q. 2. What is new in diagnosis and management of IBD? **(20)**

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

- a. Management of chronic hepatitis B
- b. Pharmacotherapy of obesity
- c. Adult vaccination in India.

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

- a. Emerging novel therapies in hyperlipidemias
- b. Bionic pancreas
- c. Biomarkers in heart failure
- d. External counterpulsation
- e. Fecal transplant

X