

POST GRADUATE EXAMINATION, APRIL - 2019

**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. Discuss etiology, patho-physiology, clinical features and complications of cirrhosis of liver. (20)

Q. 2. Describe clinical manifestations and management of snake bite. (20)

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

- a. Etiopathogenesis of pregnancy induced hypertension
- b. Hypothermia
- c. Parenteral nutrition

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

- a. Type II respiratory failure
- b. DIC
- c. Pathophysiology of septic shock
- d. Microbial bioterrorism
- e. Pathophysiology of arrhythmias

X

POST GRADUATE EXAMINATION, APRIL - 2019

**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.** Discuss the etiopathogenesis, clinical features and management of pulmonary arterial hypertension. (20)
- Q. 2.** Discuss approach to thyroid nodules. (20)
- Q. 3. Describe briefly:** (3 x 10 = 30)
- a. Polysomnography
 - b. Echocardiographic diagnosis of rheumatic heart disease
 - c. Insulin treatment of type 2 diabetes mellitus
- Q. 4. Write short notes on:** (5 x 6 = 30)
- a. Pulmonary function tests
 - b. Mechanical ventilation in ARDS
 - c. Treatment of Grave's disease
 - d. Osteoclast activation
 - e. Mechanism of action and side effects of statins

X

POST GRADUATE EXAMINATION, APRIL - 2019
MD GENERAL MEDICINE
(PAPER THREE)

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

- Q. 1.** Discuss role of biologic and synthetic DMARDS in treatment of rheumatoid arthritis. (20)
- Q. 2.** Discuss etiopathogenesis and management of ANCA associated vasculitis. (20)
- Q. 3. Describe briefly:** (3 x 10 = 30)
- a. Approach to a case of mononeuropathy
 - b. Initial anti-retro viral regimens, its advantages and disadvantages
 - c. Lupus nephritis
- Q. 4. Write short notes on:** (5 x 6 = 30)
- a. Drug induced parkinsonism
 - b. Effect of alcohol on nervous system
 - c. Biomarkers in kidney disease
 - d. Polycystic kidney disease
 - e. Neuroleptic malignant syndrome

X

POST GRADUATE EXAMINATION, APRIL - 2019

**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. Describe briefly guidelines for management of HIV infection. **(20)**

Q. 2. Discuss immunosuppressive therapy in the management of renal transplant patients. **(20)**

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

- a. Newer oral anticoagulants
- b. Pharmacotherapy of obesity
- c. Modern drug treatment of heart failure

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

- a. NAFLD
- b. 5-Aminosalicylic acid therapy of inflammatory bowel disease
- c. Insulin Degludec
- d. Anti-CCP antibodies
- e. Empagliflozin

X