

POST GRADUATE EXAMINATION, MAY - 2018

**MD GENERAL MEDICINE
(PAPER ONE)**

BASIC SCIENCES - APPLIED

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Describe the approach to fever of 2 weeks, cough and breathlessness for 10 days in a 45-year old male with poorly controlled diabetes. (20)

Q. 2. Discuss the role of serology and biomarkers in the diagnosis of collagen vascular diseases. (20)

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

- a. Nutritional therapy in dyslipidemia and diabetes
- b. Abdominal tuberculosis
- c. Drug treatment of heart failure

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

- a. Treatment options for cardiac tachyarrhythmias
- b. Diagnostic potential of JVP
- c. Radiation injury
- d. Spirometry in lung disease
- e. Diagnosis of ulcerative colitis

X

POST GRADUATE EXAMINATION, MAY - 2018

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 viral pneumonia and how will you manage hospital acquired pneumonia. (20)
- Q. 2. Discuss patho-physiology of acute renal failure. How will you manage renal failure in falciparum malaria? (20)
- Q. 3. Describe briefly: (3 x 10 = 30)
- Approach to dimorphic anemia
 - Rabies vaccine
 - Paraneoplastic syndrome
- Q. 4. Write short notes on: (5 x 6 = 30)
- H. pylori* infection
 - Hypomagnesemia
 - SPECT-CT
 - Endoscopic ultrasound
 - Myasthenic crisis

POST GRADUATE EXAMINATION, MAY - 2018

MD GENERAL MEDICINE
(PAPER THREE)

PRACTICE OF MEDICINE

(RHEUMATOLOGY, RESPIRATORY SYSTEM, INTRODUCTION TO 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 approach and management of a case of headache. (20)
- Q. 2. Discuss etiopathogenesis and management of pulmonary arterial hypertension. (20)
- Q. 3. Describe briefly: (3 x 10 = 30)
- a. Reversal of anticoagulation
 - b. Reversible cardiomyopathies
 - c. Management of Raynaud's phenomenon
- Q. 4. Write short notes on: (5 x 6 = 30)
- a. Preconditioning in stem cell therapy
 - b. Treatment of psoriatic arthritis
 - c. QT interval
 - d. HLA B27
 - e. Palpable purpura

X

POST GRADUATE EXAMINATION, MAY - 2018

**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. Discuss recent advances in the lab diagnosis of infectious diseases with focus on genomics. (20)
- Q. 2. Discuss the rationale and approach to vaccination in adults. (20)
- Q. 3. Describe briefly: (3 x 10 = 30)
- Bio-similars in clinical practice
 - Diagnosis of extra-pulmonary tuberculosis
 - Demyelinating neurological diseases
- Q. 4. Write short notes on: (5 x 6 = 30)
- Use of antifungals in critical care
 - Teixobactin
 - Prokinetics in GERD
 - Menopausal hormone therapy
 - Euthanasia

X