POST GRADUATE EXAMINATION, JUNE - 2021
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 PFT. How will you manage ARDS? **(20)**

Q. 2. Discuss Patho-Physiology of CHF. How will you mange Refractory Cardiac failure? **(20)**

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

a. Approach to UGI bleeding

b. Fusion inhibitors in HIV

c. Scorpion Bite

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

a. ABG analysis

b. SGLT2 Inhibitors

c. Vitamin D receptor

d. Dengue shock Syndrome

e. Urinary incontinence in elderly

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POST GRADUATE EXAMINATION, JUNE - 2021
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 evaluation, impact and management of proteinuria in diabetic patients. **(20)**

Q. 2. Discuss approach to an immunocompromised patient with fever and pulmonary infiltrates. **(20)**

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

    a. Molecular diagnosis of tuberculosis

    b. Secondary adrenocortical insufficiency

    c. Refractory anemia

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

    a. Tumor markers

    b. Post-exposure prophylaxis for Hepatitis B

    c. Indications for ultrasonography in critically ill patients

    d. Biomarkers of sepsis

    e. Refractory ascites

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POST GRADUATE EXAMINATION, JUNE - 2021
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. Describe the approach to low back pain in a 35-year male.   **(20)**

Q. 2. Discuss the etiology, pathophysiology, clinical features, investigations and management of mitral valve disease.   **(20)**

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

    a. Catastrophic SLE

    b. Cystic fibrosis

    c. Hypertensive emergencies

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

    a. Biologics in osteoporosis

    b. Bronchiectasis

    c. Alcoholism

    d. Stem cells in Clinical Medicine

    e. Chronic fatigue syndrome

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POST GRADUATE EXAMINATION, JUNE - 2021

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 metabolic encephalopathies.   **(20)**

Q. 2. Discuss approach to a case of adrenal insufficiency.   **(20)**

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

    a. Pathophysiologic mechanism of inflammation in Rheumatoid arthritis

    b. Neuromyelitis optica spectrum disorders

    c. Classification of antiretroviral drugs

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

    a. Opportunistic infections in HIV

    b. Factor Xa inhibitors

    c. Recent advances in lipid lowering therapy

    d. Monoclonal antibodies in bronchial asthma

    e. Recent concepts in management of portal hypertension

X

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