

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Post Graduate Degree Examination –April/May - 2017

Time : 3 Hrs.

[Max. Marks : 100]

M.D. GENERAL MEDICINE

PAPER - I

Q.P Code : RS 3101

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100 Marks

1. Anatomy of Bronchopulmonary segments. Add a note on its clinical applications.
2. Anatomy of brain circulation.
3. Discuss the physiology of normal respirations. Add short note on abnormal breathing patterns.
4. Discuss the metabolism of bilirubin. Add note on gilbert syndrome.
5. Discuss in detail about renin angiotensin aldosterone axis and its therapeutic application in treating hypertension, cardiac failure.
6. Discuss in detail about stem cell biology in clinical medicine.
7. Define obesity and evaluation and treatment of obesity.
8. Classify Diuretics. Discuss the therapeutic options for resistant edema due to cardiac failure.
9. Microbes causing sexually transmitted diseases approach to a patient with genital ulcer.
10. Vitamin D requirements, metabolism, biological effects, deficiency and therapeutic application of vitamin D.

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M.D. GENERAL MEDICINE

PAPER - II

Q.P Code : RS-3102

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100 Marks

1. Describe clinical features, diagnosis and management of infective endocarditis.
2. Discuss management of Post-MI tachyarrhythmias.
3. Discuss inflammatory Bowel diseases.
4. Discuss diagnosis and management of Toxic Shock Syndrome.
5. Discuss interferons. Describe types and utility of interferons in clinical practice.
6. Discuss clinical features, diagnosis and management of Dysphasia.
7. How would you investigate a patient of Hirsutism.
8. Leprosy reaction.
9. Hemorrhagic fevers.
10. Acute pancreatitis.

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M.D. GENERAL MEDICINE

PAPER - III

Q.P Code : RS-3103

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LONG ESSAY

10 X 10 = 100 Marks

1. Discuss etiology, pathogenesis, clinical features diagnosis, treatment of hypersensitive pneumonitis.
2. Discuss etiology, epidemiology, clinical manifestations, diagnosis, treatment of community acquired pneumonia.
3. Discuss in detail about diagnosis and treatment options of exudative pleural effusion.
4. Define Anaphylaxis. Discuss etiology, precipitating factors, pathophysiology manifestations, diagnosis, treatment and prevention of anaphylaxis.
5. Define and classify lupus nephritis. Discuss clinical features and management of lupus nephritis.
6. Discuss Incidence, pathogenesis, clinical manifestations diagnosis and treatment of Sjogren's syndrome.
7. Discuss on epidemiology, pathology, clinical features lab diagnosis, treatment, complications of psoriatic arthritis.
8. Write essay on etiopathogenesis, clinical features, disease course, diagnosis of multiple sclerosis. Write short note on acute attack of multiple sclerosis.
9. Classify inflammatory myopathies. Discuss the etiopathogenesis, immunology, diagnosis of inflammatory myopathy. Add a note on treatment.
10. Discuss Etiology, pathophysiology clinical features of hypokalemic periodic paralysis. Add a note on diagnosis and treatment hypokalemic periodic paralysis.

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M.D. GENERAL MEDICINE

PAPER - IV

Q.P Code : RS-3104

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100 Marks

1. Discuss Secondary Hypertension.
2. Outline the guidelines of the American Diabetic Association 2015 for type 2 Diabetes Mellitus.
3. Define immunosenescence. Discuss the clinical implications.
4. What are biomarkers? Describe the use of biomarkers in clinical practice.
5. Discuss Acute Lymphoblastic Leukemia.
6. Barbiturate poisoning.
7. Papulosquamous disorders.
8. Discuss concepts of classification, diagnosis and management of renal dysfunction in cirrhosis.
9. Discuss recent understanding in pathogenesis of obesity.
10. Dementia in clinical practice.

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