

**SRI DEVRAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**  
**(A DEEMED TO BE UNIVERSITY)**

**Post Graduate Degree Examination - Apr/May 2019**

**Time : 3 Hrs**

**Max Marks : 100**

**M.D GENERAL MEDICINE**

**Paper-I      QP Code: P3121**

*Your answers should be specific to the questions asked.*

*Draw neat labeled diagrams wherever necessary.*

**LONG ESSAY**

**10 X 10 = 100**

1. Discuss about of Vitamin B12 metabolism and a note on Schilling's test. (5+5)
2. Write a note on causes, clinical features and management of restless leg syndrome. (3+4+4)
3. Write about fecal microbioata and its current indication and uses (10)
4. Describe the pathophysiology of high altitude systemic hypertension and add a note on its management (10)
5. List trisomy disorders and discuss briefly about Klinefelter syndrome (3+7)
6. Classify Antiparkinsonian drugs. Mention their uses and adverse effects. (3+3+4)
7. Describe the cellular processes that accompany aging and write a note on interventions to delay aging (5+5)
8. Write about sources, functions, deficiency of Vitamin A. Add a note on Hypervitaminosis A. (1+2+4+3)
9. A 40 year old male, smoker since 20 year, presented to emergency department with sudden onset of breathlessness with left sided pleuritic chest pain since 2 days. On examination pulse is 138bpm, respiratory rate is 40 cycles/min. Respiratory system examination showed hyperresonant note on left lung field. What is the diagnosis and discuss the management for above condition (10)
10. Write about approach to a patient in coma (10)

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**M.D GENERAL MEDICINE**  
**Paper-II      QP Code: P3122**

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**LONG ESSAY**

**10 X 10 = 100**

1. Discuss adult immunization (10)
2. Add a note on etiology, clinical features and management of liver abscess. (3+4+4)
3. Write about pathophysiology and clinical features of HIV. (5+5)
4. Write about classification, clinical features, investigations and treatment of aortic dissection (3+3+2+2)
5. Discuss etiology, clinical features and management of Non ST Segment Myocardial Infarction(NSTEMI) (2+3+5)
6. Discuss briefly the hemodynamics, clinical features, investigations and management of Atrial Septal Defect (2+3+3+2)
7. Enumerate the causes of dysphagia. Write a note on pathophysiology, investigations and management of a patient with dysphagia. (2+2+3+3)
8. Explain metabolism of bilirubin and add a note on inherited unconjugated hyperbilirubinemias.(5+5)
9. Describe the etiopathogenesis, clinical features, management of hemochromatosis (3+3+4)
10. Write about etiopathogenesis, clinical features, complications, investigations and management of acute pancreatitis (2+2+2+2+2)

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**Paper-III QP Code: P3123**

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**LONG ESSAY**

**10 X 10 = 100**

1. Discuss the risk factors and clinical features of bronchial asthma. Add a note on acute severe asthma.(2+3+5)
2. Write about etiology, pathogenesis, clinical features and management of interstitial lung diseases (2+2+2+4)
3. Define obstructive sleep apnea. Write about risk factors, consequences and management of OSA. (2+2+2+4)
4. List trigeminal autonomic cephalalgias. Write about clinical features, diagnosis and management of Cluster headache and add a note on short lasting unilateral neuralgiform headache attack with conjunctival injection and tearing (SUNCT) (1+ 2+ 1+3+ 3)
5. Write about classification and etiology of motor neuron diseases and write about clinical features and management of Amyotrophic lateral sclerosis ( 2+2+4+2)
6. Write about subtypes, clinical features and management of Guillain Barre Syndrome(2+4+4 )
7. Discuss pathophysiology, clinical features and management of myasthenia gravis (2+2+6 )
8. Write about the clinical features, diagnosis and treatment of gout(3+3+4)
9. Write about clinical manifestations,diagnosis and treatment of systemic lupus erythematosus. (3+3+4)
10. Discuss etiopathogenesis clinical features, diagnosis and treatment of polyarthritis nodosa(2+3+2+3)

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**M.D GENERAL MEDICINE**  
**Paper-IV      QP Code: P3124**

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**LONG ESSAY**

**10 X 10 = 100**

1. Enumerate causes of urinary tract obstruction. Write a note on nephrolithiasis(3+7)
2. Discuss about alport syndrome (10)
3. Enumerate causes of hyperthyroidism. Discuss about clinical features, diagnosis and treatment of graves disease (2+4+2+2)
4. write about the etiology, clinical features, diagnosis and treatment of Addison's disease (2+2+3+3)
5. Write about the etiology, pathogenesis, clinical features and management of kaposi sarcoma.  
(2+4+2+2)
6. Write about complications of blood transfusions (10)
7. Write about clinical features and management of Scabies (5+5)
8. Discuss the pathophysiology, clinical features, diagnosis and management of aluminium phosphide poisoning (2+3+2+3)
9. Enumerate the clinical features and management of Viper bite. (5+5)
10. Discuss the types, indications, contraindications, adverse effects of hyperbaric oxygen therapy.(2+3+3+3)