

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**

**(A DEEMED TO BE UNIVERSITY)**

**M.B.B.S Phase-III Part II Examination February 2023**

**Time:3 hours**

**Max Marks:100**

**GENERAL MEDICINE- PAPER 1**

*Your answer should be specific to the question asked*

*Draw neat and labeled diagrams wherever necessary*

**LONG ESSAY**

**2 X 10 = 20 Marks**

1. Discuss Crohn's Disease clinical features, extraintestinal manifestations, investigations, management, complications (3+2+2+1+2)
2. Discuss etiopathogenesis, clinical features, investigations, complications and management of Aortic stenosis. (2+2+2+2+2)

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. Discuss clinical features, diagnosis & management of Irritable Bowel Syndrome. (2+2+1)
4. Discuss Hemoptysis - aetiology and management. (2+3)
5. Discuss clinical manifestations and management of angina pectoris. (2+3)
6. Discuss etiology, clinical features and management of botulism. (1+2+2)
7. Discuss causes, clinical manifestations and laboratory diagnosis of hemolytic jaundice. (2+1+2)
8. Describe Signs of systemic envenomation of snake bite
9. Discuss clinical manifestations and management of acute severe asthma. (2+3)
10. Differentiate between ulcerative colitis and Crohns disease
11. Describe clinical features, investigations and treatment of spontaneous bacterial peritonitis. (2+1+2)
12. Discuss etiology, clinical features and management of filariasis. (1+2+2)

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. Mention THREE predisposing factors for oral thrush
14. Mention THREE causes of significant differences in blood pressure measurements between both upper limbs
15. Mention THREE investigations used in H. Pylori induced peptic ulcer disease
16. mention 6 occupational lung disorders
17. Mention THREE drugs used in reduction of portal venous pressure
18. Define hyperpyrexia and Mention it's two causes
19. Mention THREE differences between poisonous snake and nonpoisonous snake
20. Mention THREE investigations used in diagnosing HIV infection
21. Etiopathogenesis and Clinical features of ebstein's anomaly
22. Mention THREE indications for corticosteroids in management of tuberculosis

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**GENERAL MEDICINE- PAPER 2**

*Your answer should be specific to the question asked*

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**LONG ESSAY**

**2 X 10 = 20 Marks**

1. Describe aetiology, clinical features, investigations and treatment of Bacterial meningitis. (2+3+3+2)
2. Describe the pathogenesis, clinical features, complications and treatment of Type I Diabetes mellitus. (2+3+3+2)

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. Impotence - discuss its causes and medical management (2+3)
4. Describe fluorosis -types and complications (1+4)
5. Describe oncological emergencies (5)
6. Describe articular and extra articular manifestations of rheumatoid arthritis (2+3)
7. Brain death - Definition, prerequisite, and confirmatory lab tests. (1+2+2)
8. Describe Turner's syndrome-genetic abnormality and clinical features. (1+4)
9. Classify anti depressants, indications and their adverse effects. (1+2+2)
10. Differentiate acute kidney injury from chronic kidney disease. (5)
11. Psoriasis-clinical features and treatment (3+2)
12. Describe in brief about Polymerase chain reaction and its clinical significance. (5)

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. Note on Restless leg syndrome
14. Mention 3 common side effects of phenytoin
15. List 3 complications of hereditary spherocytosis
16. List three diseases associated with HLA-B27
17. Mention 3 microvascular complications of diabetes mellitus
18. Mention 3 causes of intrinsic kidney injury
19. Mention 3 causes of gynaecomastia
20. Mention 3 drugs causing osteoporosis
21. Clinical features of Hypothyroidism.
22. Mention 3 uses of cyclophosphamide

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**GENERAL MEDICINE- PAPER 1**

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**LONG ESSAY ( Answer any 2 )**

**2 X 10 = 20 Marks**

1. Define heart failure, describe the types, causes, pathophysiology, clinical features and management. (1+1+2+2+2+2)
2. Define Liver Cirrhosis. Discuss etiopathogenesis, clinical features and management of Liver cirrhosis. (1+2+3+4)
3. Define chronic obstructive pulmonary disease (COPD) . Discuss etiopathogenesis, clinical features and investigation and treatment of chronic obstructive pulmonary disease. (1+2+3 +2+2)

**SHORT ESSAY ( Answer any 10 )**

**10 X 5 = 50 Marks**

4. Discuss Clinical features, etiology and management of pulmonary tuberculosis (2+1+2)
5. Discuss management of complicated malaria
6. Renin Angiotensin Aldosterone System - Describe the pathway, mention the drugs which act in pathway along with its uses (1+2+2)
7. Define SAAG in ascites and its clinical significance (2+3)
8. Define Bioterrorism. Discuss types, agents used with their clinical features (1+1+1+2)
9. Differentiate between ulcerative colitis and Crohns disease
10. Describe etiopathogenesis, clinical features and management of Cardiogenic shock (2+1+2)
11. Clinical features and management of organo phosphorous poisoning (2+3)
12. Discuss differential diagnosis of haematemesis.
13. Discuss indications and steps in Cardio-Pulmonary Resuscitation (2+3)
14. Discuss etiology, clinical features and management of leptospirosis (1+2+2)
15. Discuss Multi Drug Resistant (MDR) Tuberculosis - Definition and Management (1+4)

**SHORT ANSWERS ( No choices )**

**10 X 3 = 30 Marks**

16. Mention THREE signs of infective endocarditis
17. Illustrate one H. Pylori regimens
18. Mention 6 occupational lung disorders
19. Name THREE pro kinetic agents
20. Mention 3 drugs used in the management of hepatic encephalopathy
21. List THREE complications of mechanical ventilation
22. Serotonin syndrome
23. Mention THREE clinical signs of hydropneumothorax
24. Mention THREE drugs associated with risk of Hepatitis.
25. Define pulse deficit and mention one cause (2+1)

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**GENERAL MEDICINE- PAPER 2**

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**LONG ESSAY (Answer any 2)**

**2 X 10 = 20 Marks**

1. Describe the clinical features, investigations and management of Acute myeloid leukemia. (3+3+4)
2. Describe pathogenesis, predisposing factors, clinical features and management of type 2 diabetes mellitus. (2+2+3+3)
3. Describe the causes, clinical features, differential diagnosis, investigations and treatment of hemorrhagic stroke. (1+3+2+2+2)

**SHORT ESSAY ( Answer any 10 )**

**10 X 5 = 50 Marks**

4. Describe in brief about pathogenesis, clinical features and management of Alzheimer's disease. (2+1+2)
5. Describe Rickets - clinical features, investigations and treatment. (2+1+2)
6. Parenteral iron therapy - indications, calculation of dose requirement, formulations used with route of administration. (1+1+3)
7. Describe insulin regimens. ((5)
8. Enumerate commonly used antipsychotic drugs with their indications and adverse effects. (2+1+2)
9. Osteoporosis-Risk factors, prevention and treatment. (2+1+2)
10. Klinefelter syndrome- clinical features, investigation and complications. (3+1+1)
11. Describe pathogenesis, clinical features and management of renal osteodystrophy. (1+2+2)
12. Describe in brief about Polymerase chain reaction and its clinical significance. (5)
13. Leprosy – clinical features and treatment. (2.5+2.5)
14. List various thyroid function tests and discuss its clinical significance
15. Bell's palsy -etiopathogenesis, clinical features, investigations and treatment. (1+2+1+1)

**SHORT ANSWERS (No choices )**

**10 X 3 = 30 Marks**

16. Describe Pituitary apoplexy.
17. List three diseases associated with HLA-B27
18. Describe the components of Foster Kennedy syndrome
19. Define International Normalized Ratio (INR) and its clinical importance.
20. Add a note on graft versus host disease.
21. Mention clinical features of wet beriberi
22. Define Auspitz sign and Koebner's phenomenon
23. Define Münchhausen's syndrome
24. Mention 3 uses and 3 adverse effects of methotrexate.
25. Add a note on stem cell therapy.