

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

M.B.B.S Phase-III (Part II) Degree examination December 2024

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 (Answer any 2)

2 X 10 = 20 Marks

1. Discuss Crohn's Disease clinical features, extraintestinal manifestations, investigations, management, complications (3+2+2+1+2)
2. Describe etiopathogenesis, clinical features and management of Hepatic encephalopathy (2+4+4)
3. Discuss etiopathogenesis, clinical features, investigations, complications and management of mitral regurgitation (2+2+2+2+2)

SHORT ESSAY (Answer any 10)

10 X 5 = 50 Marks

4. Mention the types of pneumothorax with its clinical features and management (1+2+2)
5. Enumerate causes of Lower Gastro intestinal bleeding. Discuss management of lower Gastro intestinal bleeding. (3+2)
6. Describe clinical manifestations and management of carbamate poisoning (3+2)
7. Discuss etiology, clinical manifestations and management of primary syphilis (1+2+2)
8. Discuss the complications and management of Hepatitis C infection (2+3)
9. Discuss types of coarctation of aorta, clinical features and management.
10. Discuss causes, clinical features and management of Metabolic Acidosis (1+2+2)
11. Describe immune reconstitution inflammatory syndrome (IRIS)
12. Viper bite Clinical features and management (2.5+2.5)
13. Discuss hemodynamics and clinical features of Mitral stenosis (3+2)
14. Discuss Biochemical evaluation of pancreatic functions.
15. Discuss pneumococcal vaccine with types and indications

SHORT ANSWERS (No choices)

10 X 3 = 30 Marks

16. List 2 indications, 2 contraindications, 2 complications of Upper GI endoscopy (1+1+1)
17. Differentiate between pink puffers and blue bloaters
18. Mention THREE signs of right ventricular hypertrophy
19. Mention THREE local signs of poisonous snake bite (1+1+1)
20. Define shock. Mention 4 clinical signs of shock (1+2)
21. Mention 3 drugs used in the management of hepatic encephalopathy
22. Name THREE drugs used in treatment of helminthiasis
23. Mention THREE predisposing factors for pneumonia
24. Enumerate causes of Steatorrhea and mention one investigation for the same. (2+1)
25. Name THREE vasodilators used in heart failure.

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GENERAL MEDICINE- PAPER 2

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LONG ESSAY (Answer any 2)

2 X 10 = 20 Marks

1. Discuss the clinical features, complications, investigations and treatment of type 1 diabetes mellitus (3+3+2+2)
2. Gout - Describe Etiopathogenesis, clinical features, Diagnosis and management (3+3+2+2)
3. Define nephrotic syndrome -etiopathogenesis, clinical features, investigations, complications and management (1+1+3+2+3)

SHORT ESSAY (Answer any 10)

10 X 5 = 50 Marks

4. Hashimoto thyroiditis-Clinical features, investigations and treatment. (2+1+2)
5. Describe fluorosis -types and complications (1+4)
6. Discuss thrombolytic therapy in stroke-indications, contra indications and drugs used (2+2+1)
7. Describe Tumour lysis syndrome
8. Describe Clinical features, investigations and treatment of GOUT (2+1+2)
9. Discuss gene therapy
10. Differentiate acute kidney injury from chronic kidney disease
11. Malignant melanoma - risk factors, clinical features and significant changes suggesting development of melanoma (1+2+2)
12. Discuss clinical features, diagnosis and management of Mania (2+2+1)
13. Discuss in brief about Monoclonal antibodies
14. Osteoporosis-Risk factors, prevention and treatment (2+1+2)
15. Myelodysplastic syndrome - classification, clinical features, investigations and treatment (1+2+1+1)

SHORT ANSWERS (No choices)

10 X 3 = 30 Marks

16. Mention 3 causes for reflex epilepsy
17. mention 3 non-hematological indications for stem cell therapy
18. Mention 3 uses of cyclophosphamide
19. List 3 complications of hereditary spherocytosis
20. what is Nikolskys sign
21. Define Rheumatoid Factor and mention its clinical significance
22. Discuss clinical features and management of alcohol withdrawal state
23. Mention 3 indications of insulin therapy
24. mention 3 renal manifestations of Diabetes Mellitus
25. Mention 3 drugs used in obesity

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GENERAL MEDICINE- PAPER 1

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LONG ESSAY

2 X 10 = 20 Marks

1. Discuss etiology, clinical features and management of malabsorption syndrome (2+2+6)
2. Discuss in brief about etiopathogenesis, clinical features, investigations and management of primary biliary cirrhosis (3+2+2+3)

SHORT ESSAY

10 X 5 = 50 Marks

3. Discuss the complications and management of Hepatitis C infection (2+3)
4. Discuss etiology, clinical features, investigations and treatment of pleural effusion (1+2+1+1)
5. Discuss etiology, clinical features and management of chikungunya (1+2+2)
6. Mention components of Modified Duke's criteria for infective endocarditis
7. Discuss clinical features & management of Inflammatory bowel diseases (2+3)
8. Complications of snake bite
9. Define Status epilepticus and discuss the management of same (1+4)
10. Prinzmetal's angina - Definition, etiopathogenesis, investigations and treatment (1+2+1+1)
11. Describe etiopathogenesis, clinical features and management of chronic pancreatitis (2+2+1)
12. List 5 differentiating features between chronic obstructive pulmonary disease and Asthma.

SHORT ANSWERS

10 X 3 = 30 Marks

13. List THREE drugs used in cardiogenic shock (1+1+1)
14. Enumerate causes of Steatorrhea and mention one investigation for the same. (2+1)
15. Mention THREE clinical signs of hydropneumothorax
16. List THREE indications for cardiac pacemakers (1+1+1)
17. Mention THREE cardinal laboratory abnormalities in hemolytic jaundice
18. Mention the clinical features of cholera
19. Mention THREE local signs of poisonous snake bite (1+1+1)
20. Define gallop rhythm and mention 2 causes
21. Mention THREE causes for sudden dyspnoea
22. List THREE systemic complications of acute pancreatitis

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GENERAL MEDICINE- PAPER 2

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LONG ESSAY

2 X 10 = 20 Marks

1. Discuss pathological classification, clinical features, clinical staging, investigations and management of Hodgkin's lymphoma (2+2+2+2+2)
2. Describe the causes, clinical features, differential diagnosis, investigations and treatment of hemorrhagic stroke (1+3+2+2+2)

SHORT ESSAY

10 X 5 = 50

Marks

3. Osteoporosis-Risk factors, prevention and treatment (2+1+2)
4. Describe korsakoff's psychosis - causes and clinical features (2+3)
5. Hyperthyroidism - etiology, clinical features and management
6. Discuss x linked recessive inheritance
7. Emphysematous pyelonephritis - clinical features, investigations and treatment (2+1+2)
8. Discuss etiopathogenesis, clinical features and management of aplastic anemia (2+1+2)
9. Discuss commonly used antipsychotic drugs and their indications
10. Differentiate Tension headache from other causes of headache
11. Discuss in brief about Monoclonal antibodies
12. Malignant melanoma - risk factors, clinical features and significant changes suggesting development of melanoma (1+2+2)

SHORT ANSWERS

10 X 3 = 30 Marks

13. Mention 3 signs of autonomic neuropathy
14. Clutton's joint -mention 3 features
15. Mention 3 causes of gynaecomastia
16. Mention 3 uses of cyclophosphamide
17. Mention 3 diseases that can be transmitted by blood transfusion.
18. Mention Triad of nephrotic syndrome
19. Sheehan's syndrome - causes and clinical features (2+3)
20. Mention 3 treatment modalities for osteoporosis
21. Mention 6 health effects of chronic smoking
22. Mention 3 systemic manifestations of psoriasis