

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH
(A Deemed to be University)
MBBS Phase III Part II Supplementary Examination April/May 2025
Time: 180 Minutes **Max Marks: 80 Marks**

General Medicine Paper I

QP CODE: C4121

*Your answer should be specific to the question asked
Draw neat labelled diagrams wherever necessary*

Long Essay **$2 \times 10 = 20 \text{ Marks}$**

1. Describe the aetiopathogenesis, diagnosis, complications and management of acute rheumatic fever
2. Discuss about aetiology, pathophysiology, clinical features and management of uremia.

Short Essay **$12 \times 5 = 60 \text{ Marks}$**

3. Compare and contrast cardiac and non-cardiac chest pain
4. A 45-year-old female patient presented with loose stools and vomiting since 5 days with decreased urine output, puffiness of face and swelling of both lower limbs. On examination patient had a heart rate of 110 bpm, BP of 90/50 mmHg, pedal oedema. Investigations revealed Hb of 12 g%, total counts of 18,000, platelets of 1,70,000, Urea of 110 mg/dl, Creatinine of 3.2 mg/ dl.
 - (a) What is the Diagnosis?
 - (b) How do you evaluate and manage this patient?
 - (c) What are the complications?
5. Discuss the monogenic forms of obesity
6. Describe and discuss the epidemiology, microbiology, immunology and clinical evolution of infective (viral) hepatitis
7. Describe and discuss the pathophysiology, clinical evolution and complications cholelithiasis and cholecystitis
8. Enumerate the indications for hepatic transplantation
9. Describe and discuss the pathogenesis, evolution and clinical features of common HIV related malignancies
10. Choose and interpret appropriate diagnostic tests to diagnose opportunistic infections including CBC, sputum examination and cultures, blood cultures, stool analysis, CSF analysis and Chest radiographs
11. Demonstrate a non-judgemental attitude to patients with HIV and to their lifestyles
12. Describe the clinical manifestations and management of scorpion sting
13. Identify and discuss medicolegal, social economic and ethical issues of organ donation?
14. Approach to the diagnosis and management of the patient with hyperkalemia

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General Medicine Paper II
QP CODE: C4122

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Long Essay **$2 \times 10 = 20 \text{ Marks}$**

1. Blood supply of brain and its importance in localization of site of stroke. (5+5)
2. Explain in detail the aetiology, classification, investigation and treatment of pneumonia

Short Essay **$12 \times 5 = 60 \text{ Marks}$**

3. Describe the approach to a patient with hemorrhagic stroke
4. Enlist the components of haemogram and explain each one's utility (1+4)
5. Prescribe a management plan including dose and frequency for a patient of Megaloblastic anemia (5)
6. Describe the common issues encountered in patients at the end of life and principles of management
7. Classify diabetes and write briefly on diabetic retinopathy
8. Classify antithyroid medications. Add a note on indications, adverse reaction, interactions of antithyroid medication.
9. Describe and discuss the aetiopathogenesis, clinical presentation, of acute confusional state /Delirium
10. List the organisms causing atypical pneumonia. Outline the key points how to differentiate it from other pneumonia
11. Describe the aetiology, pathogenesis, life cycle, clinical features and complications of Scabies.
12. Describe the aetiology, pathogenesis & clinical features of the dermatological manifestations of HIV.
13. A 20-year-old female patient presented with single, well-defined, hypopigmented, dry, anaesthetic patch over abdomen. Diagnose the condition. Add a note on WHO classification. Write a note on Slit Skin Smear.
14. An elderly man is brought with complaints of memory loss and decreased personal care. What is the diagnosis and management?

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M.B.B. S Phase-III (Part II) Degree examination April/May 2025

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. Enumerate common causes and mechanism of generalised edema. Differentiate cardiac edema, renal edema, and hepatic edema (2+3+5)
2. Describe etiopathogenesis, clinical features, complications and management of cholera (2+3+2+3)

SHORT ESSAY

10 X 5 = 50 Marks

3. Define cardiac arrest, discuss the causes and management (1+2+2)
4. Discuss H. pylori infection pathogenesis, investigation & management (2+1+2)
5. Describe Treatment of neurotoxic snake bite
6. Discuss etiology, clinical features and management of hypoxic ischemic encephalopathy (1+2+2)
7. Discuss etiology, classification, clinical features of leprosy (1+2+2)
8. Discuss etiopathogenesis and clinical features of allergic bronchopulmonary aspergillosis (2+3)
9. Discuss clinical features, investigation and treatment of autoimmune hepatitis (2+2+1)
10. Define cyanosis, discuss the causes and mechanism of central cyanosis (1+2+2)
11. Discuss etiology and management of hyperventilation syndrome
12. Clinical features and management of organo phosphorous poisoning

SHORT ANSWERS

10 X 3 = 30 Marks

13. Mention THREE clinical features of peutz jeguer syndrome
14. mention 6 occupational lung disorders
15. Mention THREE indications for tread mill test
16. Mention THREE Clinical features of Hepatic encephalopathy
17. Define algid malaria and mention 2 clinical features
18. Define hyperpyrexia and Mention it's two causes (1+1+1)
19. Name 6 signs of Organophosphorous poisoning
20. Define tapping apical impulse and mention one cause (2+1)
21. Mention THREE complications of chicken pox
22. Mention 6 indications of upper Gastro Intestinal endoscopy

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GENERAL MEDICINE- PAPER 2

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LONG ESSAY

2 X 10 = 20 Marks

1. Discuss etiology, classification, clinical features, diagnosis and management of haemophilia A (2+2+3+3)
2. Outline the causes of coma, how to proceed to investigate and manage the case of patient in coma (3+3+4)

SHORT ESSAY

10 X 5 = 50 Marks

3. Folate deficiency - etiology, clinical features, investigations and treatment (1+2+1+1)
4. Describe korsakoff's psychosis - causes and clinical features (2+3)
5. Differentiate sensory, motor, global and conduction aphasias
6. Discuss approach to polyarthralgia
7. Hyperthyroidism - etiology, clinical features and management
8. Analgesic nephropathy - etiology, clinical features, investigations and treatment (1+1+1+2)
9. Discuss in brief about Monoclonal antibodies
10. Discuss clinical features, diagnosis and management of Mania (2+2+1)
11. Stem cell transplantation - classification of Stem cells with its clinical application (2+3)
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 physical signs of posterior column
14. Mention 3 clinical features of Still's disease
15. Mention 3 indications of plasmapheresis
16. mention 3 macrovascular complications of diabetes mellitus
17. write 3 acute complications of blood transfusion
18. Acanthosis nigricans - mention 3 features
19. Mention 3 disorders of x linked recessive inheritance
20. Describe generalized anxiety disorder
21. Mention clinical features of wet beri-beri
22. Mention 3 indications of cisplatin