

QP Code:104119

Reg. No.:.....

**PG Degree Supplementary Examinations in Emergency Medicine (MD)
April 2026**

**Paper IV – Nephrology, Endocrinology, Haematology, Oncology, Psychiatry,
Dermatology, Occupational disease and Recent Advances**

Time: 3 hrs

Max marks:100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay: (20)

1. How is Acute Renal Failure (ARF) classified. What are the common causes, preventive measures, differential diagnosis and management of ARF. (4+4+4+4+4)

Short essays: (8x10=80)

2. Discuss the pathophysiology, clinical features and management of hyperosmolar non ketotic coma patient in the ED. (3+3+4)
3. What are the common cancers causing epidermal spinal cord compression. How do you diagnose the condition in ED. List the available therapies to treat hypercalcemia. (2+4+4)
4. What is sickle cell disease. How do you evaluate and manage a patient presenting with a painful sickle cell crisis to ED. (4+6)
5. What Behavioural signs indicate impending violence in a patient. What are the non-pharmacological and pharmacological approach combative patients in ED. (2+2+6)
6. Causes, diagnosis and management of disseminated fungal infection. (2+2+6)
7. What are the indications for heart transplant. Discuss briefly causes, diagnosis and management of coronary artery disease in patients with heart transplant. (2+2+3+3)
8. What is intra-aortic balloon pump (IABP). What are the indications for placement. How does IABP function. (2+4+4)
9. What is high flow nasal oxygen. Indicators and complications. (4+3+3)
