

PG Degree Regular/Supplementary Examinations in Emergency Medicine (MD) January 2025

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. Describe pathophysiology of diabetes ketoacidosis (DKA). Enumerate ED presentation of patient with diabetes ketoacidosis, laboratory parameter alteration in case of DKA, management in emergency department. (4+4+4+8)

Short essays:

(8x10=80)

2. Define status epilepticus, ED general management. (2+8)
3. Define Transfusion Related Acute Lung Injury (TRALI) and its management.
4. Describe about etiology of hyperkalaemia, diagnosis and management of life threatening hyperkalaemia.
5. Discuss about haemolytic uremic syndrome and thrombotic thrombocytopenia purpura.
6. There is a case of multiple myeloma. He developed hypercalcemia and ARF. Describe the approach to acute management of such patient.
7. Describe about emergency psychiatric assessment steps. Describe about medical evaluation of psychiatric patients and how to do assessment of harm to self and other in acute psychiatric emergencies.
8. Describe about pharmacology of agitation management
9. Enumerate common causes of hypothyroidism. Clinical features of hypothyroidism and myxoedema, medical management of myxoedema crisis. (2+2+2+4)
