

OCT-2025

**BLDE (DEEMED TO BE UNIVERSITY)
POST GRADUATE DEGREE EXAMINATION**

[Time: 3 Hours]

[Max. Marks: 100]

MD EMERGENCY MEDICINE – PAPER - I

QP CODE: 5081

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

Long Essay

(2x20=40 Marks)

1. Discuss the recognition and management of Tachyarrhythmias. Explain briefly adjuncts used in assessment of tissue perfusion during treatment of a patient in shock.
2. Discuss pathophysiology of disseminated intravascular coagulation, its clinical features and management.

Short Essay

(6x10=60 Marks)

3. Non opioid analgesia.
4. Prediction ruler for pneumonia in adult patients with cough.
5. Complications of end stage renal disease (ESRD)
6. Post-partum Haemorrhage
7. Methemoglobinemia
8. Complications of Blood Transfusion

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MD EMERGENCY MEDICINE – PAPER - II

QP CODE: 5082

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

Long Essay

(2×20=40 Marks)

1. Discuss the evidence-based guidelines, quoting specific clinical trials where applicable, for management of hypertension in – (10+10)
 - a) Ischemic stroke and Hemorrhagic stroke
 - b) Flash Pulmonary Edema
2. A. Briefly discuss the normal physiology of acid-base balance.
B. What is the differential diagnosis and describe in detail about types, causes and management of metabolic acidosis? (5+15)

Short Essay

(6×10=60 Marks)

3. Septic shock – definition, criteria, management and approach
4. How would you approach a case of hyponatremia in the ED? Enumerate the causes of SIADH and outline the management.
5. Outline the adult cardiac arrest algorithm and describe the role of various drugs used in cardiac arrest.
6. What are the newer anticonvulsants? Discuss the management of status epilepticus and the role of newer drugs in this situation.
7. Define pregnancy-induced hypertension and eclampsia. Describe your management of a patient with 32 weeks gestation presenting with generalized tonic-clonic seizures.
8. Describe your approach to a case of acute pancreatitis, including differential diagnosis, investigations and ED management.

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MD EMERGENCY MEDICINE – PAPER - III

QP CODE: 5083

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

Long Essay

(2x20=40 Marks)

1. Describe the Emergency Department approach and management of thoracic injuries. Discuss in detail ATLS approach to a trauma victim.
2. Describe the pathophysiology of eclampsia, drugs used along with their doses. Approach to a patient with post- partum haemorrhage in the ED.

Short Essay

(6x10=60 Marks)

3. Procedural sedation and Analgesia in the ED
4. BLUE protocol - Bed Side Lung Ultrasound in Emergency protocol
5. Discuss approach and management to a patient with deep vein thrombosis.
6. Describe evaluation and management of ligamentous and meniscal injuries to knee.
7. Describe surgical airway management. Write a note on LEMON.
8. Aetiology and pathophysiology of upper gastrointestinal bleeding .How will you approach and manage such a patient with massive gastrointestinal bleeding in Emergency Department.

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MD EMERGENCY MEDICINE – PAPER - IV

QP CODE: 5084

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

Long Essay

(2x20=40 Marks)

1. Discuss the Toxicokinetics of organophosphorus compounds ED management & recent advances in the treatment of organophosphorus poisonings.
2. A 2 year old child presents to ED with respiratory distress, spo2 90% on room air, indrawing of intercostal muscles & febrile. Discuss in detail ED management

Short Essay

(6x10=60 Marks)

3. Febrile seizures
4. Orbital cellulitis
5. Bee sting ED management
6. Anti-snake venom – constituents, dosage, mode of administration & treatment of anaphylaxis to ASV
7. Write a note on “ PREVENT CLOT TRAIL “
8. ED diagnosis of delirium by CAM method