

August - 2026

**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 the middle of the page.

Long Essay

2x20=40 Marks

1. A 40-year-old victim of a building collapse presents during a mass casualty incident. Analyse the principles of disaster medicine, triage systems, resource allocation, and ethical considerations in disaster management. (20 marks)
2. A patient develops progressive hypotension, metabolic acidosis, acute kidney injury, and respiratory failure following severe pancreatitis. Discuss the pathophysiology of multi-organ dysfunction syndrome (MODS) and evaluate current management strategies aimed at preventing organ failure. (20 marks)

Short Essay

6x10=60 Marks

3. Physiology of oxygen transport and tissue oxygenation.
4. Acid–base balance and compensatory mechanisms.
5. Pathology of disseminated intravascular coagulation (DIC).
6. Pharmacology of intravenous fluids and plasma expanders.
7. Types, classification, and pathophysiology of shock.
8. Massive transfusion protocol and transfusion-related complications.

19/08

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

[Time: 3 Hours]

[Max. Marks: 100]

**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 the middle of the page.

Long Essay

2x20=40 Marks

1. A 70-year-old patient presents with severe breathlessness, hypercapnia, and altered sensorium due to an acute exacerbation of chronic obstructive pulmonary disease (COPD). Analyse the pathophysiology of respiratory failure and discuss evidence-based emergency management, including oxygen therapy, non-invasive ventilation, and indications for mechanical ventilation. (20 marks)
2. A 35-year-old male presents with fever, jaundice, acute kidney injury, thrombocytopenia, and hypotension during the monsoon season. Discuss the differential diagnosis of tropical infectious disease emergencies. Describe the emergency management of severe leptospirosis and its complications. (20 marks)

Short Essay

6x10=60 Marks

3. Hypertensive emergencies and target-organ damage.
4. Pulmonary embolism: risk factors and diagnostic approach.
5. Acute pancreatitis: severity assessment and emergency management.
6. Status epilepticus: classification and treatment algorithm.
7. Hyperkalemia: ECG changes and emergency treatment.
8. Thyroid storm: clinical features and management.

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

[Time: 3 Hours]

[Max. Marks: 100]

**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 the middle of the page.

Long Essay

2x20=40 Marks

1. A 30-year-old woman presents with massive postpartum haemorrhage following vaginal delivery.
Analyse the causes of postpartum haemorrhage and discuss emergency management including resuscitation, pharmacological interventions, blood component therapy, and surgical options.

(20 marks)
2. A 40-year-old patient presents with severe abdominal pain, fever, tachycardia, guarding, and signs of septic shock. Discuss the approach to the diagnosis and emergency management of acute surgical abdomen. Analyse the role of early resuscitation and source control in improving outcomes.

(20 marks)

Short Essay

6x10=60 Marks

3. Ovarian torsion: clinical features and emergency management.
4. Obstetric trauma and maternal stabilization.
5. Intestinal obstruction: causes and emergency treatment principles.
6. Acute mesenteric ischemia: etiology and diagnosis.
7. Pharmacology of analgesics used in emergency medicine.
8. Ketamine in procedural sedation: indications, advantages, and adverse effects.

BLDE (DEEMED TO BE UNIVERSITY)
POST GRADUATE DEGREE EXAMINATION

[Time: 3 Hours]

[Max. Marks: 100]

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 the middle of the page.

Long Essay

2x20=40 Marks

1. A 3-year-old child is brought to the emergency department with respiratory distress, drooling, stridor, and inability to swallow following sudden onset of symptoms while playing. Analyse the differential diagnosis of acute upper airway obstruction in children and discuss the emergency evaluation and management of suspected foreign body aspiration. (20 marks)
2. A 24-year-old farmer is brought to the emergency department with excessive salivation, lacrimation, muscle fasciculations, bradycardia, and respiratory distress following pesticide exposure. Discuss the pathophysiology of organophosphorus poisoning and apply current principles of emergency management, including antidotal therapy and critical care support. (20 marks)

Short Essay

6x10=60 Marks

3. Paediatric status epilepticus: causes and management.
4. Paracetamol poisoning: clinical features and treatment.
5. Chemical injuries of the eye: emergency management.
6. Epistaxis: causes and emergency treatment.
7. Assessment of suicidal risk in the emergency department.
8. Stevens–Johnson syndrome and toxic epidermal necrolysis.