

QP Code: 101119

Reg. No.:.....

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

**Paper I – Applied Basic Sciences, General Emergency Medicine and Disaster
Preparedness**

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. What is multi-casualty incident. Discuss Incident Command System (ICS). Elaborate on the disaster response by your team to a bus accident with 40 passengers near your hospital both at the site of the accident and in the ED. (4+4+6+6)

Short essays: (8x10=80)

2. Name the categories of triage in ED in a 50 year hypertensive. How does this differ from patients triaged during a mass casualty event. Discuss briefly speed consideration while triaging paediatric and psychiatric patients. (3+3+4)
3. How will you assess and manage a patient with acute pain in ED. What are the barriers to provide optimal pain management in ED. (4+4+2)
4. Discuss the recommended drugs used in Acute ST elevation myocardial infarction. Mention briefly the contraindications to fibrinolytic therapy. (6+4)
5. Discuss with diagram the pathophysiology of acute angle closure glaucoma, diagnosis and management. (4+3+3)
6. Discuss the pathophysiology, causative organisms, clinical features and treatment of acute diffuse otitis externa. (3+3+4)
7. What is COPD. How will you assess and manage a patient in ED presenting with acute respiratory failure. (3+3+4)
8. How will you identify, screen and manage a victim of intimate partner violence in ED. (4+3+3)
9. Discuss diagrammatically anatomical features diagnosis and management of inguinal herma in a patient presenting to ED with groin pain. (4+3+3)
