Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. Emergency and Trauma Care Technology Degree Examination – 20-May-2025

Time: Three Hours **Max. Marks: 100 Marks**

MEDICAL EMERGENCIES

Q.P. CODE: 3367

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary

LONG ESSAYS **2 x 10 = 20 Marks**

1. What is anaphylaxis? Causes of anaphylaxis. Approach and management of anaphylaxis.
2. Define sepsis, causes of septic shock, management and approach to septic shock.

SHORT ESSAYS **10 x 5 = 50 Marks**

3. Urinary obstruction and management.
4. Chest pain cause and management.
5. Approach to patient with breathing difficulty.
6. Oxygen therapy in emergency department.
7. **Management of Hyperglycemia in emergency department**
8. Approach to patient with altered sensorium.
9. Approach to patient with seizure.
10. Approach to patient with respiratory failure.
11. ECG.
12. Urinary bladder catheterization procedure and precautions?

SHORT ANSWER **10 x 3 = 30 Marks**

13. Enumerate oncological emergencies.
14. Approach to patient with loose stools.
15. Causes of pain abdomen and management.
16. Airway devices in emergency.
17. Hyperkalaemia causes and management.
18. GCS score.
19. Hyponatremia.
20. Cardiac tamponade.
21. Approach to patient with constipation.
22. **Activated charcoal**

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. Emergency and Trauma Care Technology Degree Examination – 22-May-2025

Time: Three Hours **Max. Marks: 100 Marks**

Trauma and Surgical Emergencies

Q.P. CODE: 3368

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary

LONG ESSAYS **2 x 10 = 20 Marks**

1. 35 year old male presented to ER with alleged history of trauma followed by vomiting. His vital, HR-96/min, oxygen saturation (spo2)-95% with GCS of 5/15.
   a) Mention 5 components of primary survey. Write about GCS.
   b) How will you manage above patients?
2. **Enumerate the causes of Acute abdomen. Describe the etiology, clinical features and management of acute cholecystitis**

SHORT ESSAYS **10 x 5 = 50 Marks**

3. Torsion of testis.
4. Describe indication and steps of Needle Thoracocentesis.
5. Hospital waste disposal.
6. **Types and degrees of burns. write a note on its management**
7. Classify different types of wounds.
8. Draw the cross section of spinal cord and its layers.
9. Write a note on investigation procedures in abdominal trauma.
10. Mention the etiology and management of acute appendicitis.
11. Write five indication of Tracheostomy.
12. **Write a note on management of drowning patient**

SHORT ANSWER **10 x 3 = 30 Marks**

13. Mention three signs of acute appendicitis.
14. Cullen's sign.
15. Mention three features of Tension pneumothorax.
16. Steps of hand washing.
17. Mention three causes of acute retention of urine.
18. Mention three indication of Cricothyroidotomy.
19. What is secondary survey?
20. **Crush injury**
21. Renal abscess.
22. Flail chest.

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. Emergency and Trauma Care Technology Degree Examination – 27-Oct-2025

Time: Three Hours **Max. Marks: 100 Marks**

MEDICAL EMERGENCIES

Q.P. CODE: 3367

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary

LONG ESSAYS **2 x 10 = 20 Marks**

1. Write a note on Rapid sequence intubation
2. Differential diagnosis of fever from 5 days. Investigations and treatment of Dengue fever

SHORT ESSAYS **10 x 5 = 50 Marks**

3. Define COPD, types of COPD and management of COPD in emergency department
4. Write differential diagnosis of acute chest pain
5. Urinary tract infection
6. Modes of transmission of Rabies. Write a note on prophylaxis of Rabies vaccination
7. **Write a note on sepsis and septic shock**
8. Management of Seizures
9. Initial ED management of patient with poisoning
10. Clinical features, causes and management of Hypoglycemia
11. Complications of blood transfusion
12. Note on COVID-19 infection

SHORT ANSWER **10 x 3 = 30 Marks**

13. Diagram of normal ECG waves and label it
14. Write six medications used in treatment of Hypertension
15. Signs of Deep Vein Thrombosis (DVT)
16. Name six sexually transmitted disease
17. Clinical features of Hypothyroidism
18. Clinical features of acute cholecystitis
19. Six causes of Hematuria
20. Note on Triage in ED
21. Mention any six skin disorder
22. Any six complications of Type II Diabetes Mellitus

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. Emergency & Trauma Care Technology Degree Examination – 29-Oct-2025

Time: Three Hours **Max. Marks: 100**

TRAUMA AND SURGICAL EMERGENCIES

Q.P. CODE: 3368

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS **2 x 10 = 20 Marks**

1. Write the types and degrees of burns. Diagrammatically represent the rule of nines. Calculate the fluid to be give for a 50kg adult with 45% burns
2. Discuss the approach to trauma in pregnancy

SHORT ESSAYS **10 x 5 = 50 Marks**

3. **Define flail chest and write its point of care investigations and initial management**
4. Write in detail about the presenting symptoms of head injury
5. Define cellulitis and write the presenting symptoms and point of care investigations done
6. Enumerate the causes and initial management of intestinal obstruction
7. What is acute urinary retention? Write its causes and symptoms
8. What are the complications of drowning? How do we manage hypothermia in drowning?
9. Write the Glasgow Coma Scale
10. Define Neurogenic shock. What are the four types of shock?
11. Define Cullen's sign and Grey turner's sign
12. What is peptic ulcer disease? Write its causes and clinical manifestations

SHORT ANSWER **10 x 3 = 30 Marks**

13. What is Blumberg's sign?
14. Write the general factors affecting wound healing
15. What are the 4 F's in cholecystitis?
16. Expand PCNL
17. What is red eye?
18. Define Escharotomy
19. Which is the preferred crystalloid for burns patient? Write its composition
20. List any three causes of gas gangrene
21. Write the Alvarado score for appendicitis
22. **Write the management of foreign body in eye**

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Rajiv Gandhi University of Health Sciences, Karnataka

RGUHS THEORY EXAMINATION OCT-2025

NODAL CENTRE:LAXMI MEMORIAL COLLEGE OF NURSING

Date:29.10.2025 **Session: MORNING**

CORRECTIONS

Subject: trauma and surgical emergencies
QP Code: 3368

Q. No	QUESTION Appeared As	QUESTION CORRECTED As	REASON FOR CORRECTIONS
3	Define flail chest and writ its point of care investigations and initial management	Define flail chest and write its point of care investigations and initial management	Spelling error
22	Define cholangitis	Write the management of foreign body in eye	Out of syllabus

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. Emergency and Trauma Care Technology Degree Examination – 31-Oct-2025

Time: Three Hours **Max. Marks: 100 Marks**

Emergencies in Paediatric and Special Population

Q.P. CODE: 3369

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary

LONG ESSAYS **2 x 10 = 20 Marks**

1. Define Post-partum hemorrhage (PPH). Note on risk factors and management of PPH
2. Define Bronchial Asthma. Explain about the approach and management of Bronchial asthma in children presenting to ED

SHORT ESSAYS **10 x 5 = 50 Marks**

3. What is Gestational Diabetes? What are the clinical features and management of Gestational diabetes?
4. Placenta Previa
5. Define Eclampsia. Management of Eclampsia in ED
6. What are the anatomical considerations in pediatric airway
7. Causes, clinical features and treatment of acute pharyngitis in children
8. Differential diagnosis of acute abdominal pain in children
9. Management of Seizures in children in ED
10. Mention few causes of rashes in children
11. Write a note on ED approach to a patient with mental health disorder
12. Note on Eating disorders

SHORT ANSWER **10 x 3 = 30 Marks**

13. Septic abortion
14. Any three complications in lactation
15. **SIDS (Sudden Infant Death Syndrome)**
16. Management of Nasal foreign body in children
17. Define Phimosis and Paraphimosis
18. **Management of Aggressive patient in prehospital setting.**
19. **Ectopic pregnancy**
20. **Management of dehydration in children**
21. **APGAR score**
22. Formula to calculate ET tube (Endo-Tracheal) size in pediatric age group

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