# Rajiv Gandhi University of Health Sciences, Karnataka

**III Year B.Sc. Emergency and Trauma Care Technology Degree Examination – 16-May-2023**

**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. Mention six communicable diseases. Classification covid-19 pneumonia and management of severe Covid pneumonia.
2. Define myocardial infarction (MI). Describe its clinical features and management.

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

3. Clinical features of abdominal aortic aneurysm. List the drugs used in Hypertensive emergencies.
4. Management of Diabetic Ketoacidosis (DKA).
5. Hospital acquired infections.
6. Types of Anaemia and management.
7. Clinical feature and management of peptic ulcer.
8. Define Anaphylaxis. Describe its causes and management of Anaphylaxis.
9. Dengue shock syndrome, clinical features and laboratory findings.
10. Hospital acquired infections.
11. Causes and management of DVT – Deep Vein Thrombosis.
12. Signs and symptoms of hypovolemic shock.

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

13. Mention five reversible causes of sudden cardiac arrest.
14. Four indications for unsynchronized cardioversion.
15. Complications of Myocardial Infarction.
16. Clinical features of acute pulmonary embolism.
17. Emergency management of hyperkalemia.
18. Ringer lactate.
19. Hypokalemia management.
20. Ventricular tachycardia.
21. Tetanus.
22. Management of hyponatremia.

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# Rajiv Gandhi University of Health Sciences, Karnataka

**III Year B.Sc. Emergency and Trauma Care Technology Degree Examination – 18-May-2023**

**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. Enumerate the causes of acute abdomen. Describe the clinical feature and management of intestinal obstruction.

2. Mention five life threatening chest injuries in Trauma. Describe indication and steps of Needle Thoracocentesis.

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

3. Classify different types of wounds.
4. Draw the cross section of spinal cord and its layers.
5. Write a note on investigation procedures in Abdominal Trauma.
6. Mention the etiology and management of acute appendicitis.
7. Name six ophthalmic emergencies. How will you manage a chemical burn injury to Eye.
8. Short note on electrocution.
9. Write a short note on hanging.
10. Short note on Swimmer's Ear.
11. Hospital waste disposal.
12. Ovarian cyst.

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

13. Draw skin anatomy.
14. Renal abscess.
15. Flail chest.
16. Becks triad.
17. Mention three causes of acute of retention of urine.
18. Mention three indication of Cricothyroidotomy.
19. Describe indication of Needle Thoracocentesis.
20. What is secondary survey?
21. Primary survey.
22. Dry drowning.

# Rajiv Gandhi University of Health Sciences, Karnataka

**III Year B.Sc. Emergency and Trauma Care Technology Degree Examination – 20-May-2023**

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

## Emergencies in Pediatric 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. Mention the causes of acute confusion state in Elderly patients. How will you manage a 65 year old patient of hypoglycaemia?

2. What is Pre eclampsia? Predisposing factor of pre eclampsia and explain its medical management.

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

3. Child abuse.
4. Heimlichs maneuver.
5. Apgar score and its complications.
6. Describe clinical features of hyperthermia and measures to reduced hyperthermia.
7. As an emergency technician, how will you manage and aggressive patient in the ER?
8. Write a note on managing adult and child with chocking.
9. Difference in CPR technique between adult and 2 year old child with cardiac arrest.
10. Classification of abnormal uterine bleeding.
11. Alcohol withdrawal syndrome – clinical features and management.
12. Management of Meconium aspiration syndrome.

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

13. Name four causes of cardiac arrest in pediatric patients.
14. Define unconsciousness.
15. Define sudden infant death syndrome.
16. Rabies vaccine.
17. Classification of dehydration in children.
18. Placenta previa.
19. Management of infant diarrhea.
20. Calculation of burns in children.
21. How will you record blood pressure of a unresponsive patient?
22. Single rescuer CPR algorithm for a child aged 4 years.

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