Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. Emergency & Trauma Care Technology Degree Examination – 12-Dec-2022

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

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. Define Hyperkalaemia. Discuss the possible causes, presenting symptoms, point of care investigations and initial management of Hyperkalaemia
2. Name any four respiratory emergencies. Discuss the presenting symptoms and initial management of ARDS

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

3. Enumerate five clinical presentations of Sepsis
4. Write the presenting symptoms and investigations done for urinary tract infection
5. Define thyroid storm and discuss its clinical presentations
6. Write the presenting symptoms and clinical assessment for a patient presented with pulmonary thromboembolism
7. Enumerate five differential diagnosis for stroke
8. Define Purpura and Urticaria. Write the possible causes for both
9. Define tension pneumothorax. Explain the life-saving intervention performed in this condition
10. Write the ACLS Algorithm for ACS
11. Discuss the approach to an unconscious patient
12. Write the presenting symptoms and initial management of seizure disorder

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

13. List three causes of COPD
14. Define acute decompensated heart failure. Write any two causes of acute decompensated heart failure
15. Define Haemoptysis. Write any two causes of haemoptysis
16. What is fixed drug eruption? What drugs causes fixed drug eruption?
17. What is the diagnostic criteria for hyperosmolar hyperglycaemic state?
18. Write any three fluid overload states
19. Write any six possible clinical manifestations of Ischemic stroke
20. Write any three possible causes for intracerebral haemorrhage
21. Write a short note on acute pulmonary oedema in renal failure
22. Write the differential diagnosis of Hypoglycaemia

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. Emergency & Trauma Care Technology Degree Examination – 14-Dec-2022

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. Enumerate the causes of acute abdomen. Describe etiology, clinical feature and management of Acute cholecystitis
2. 35-year-old male presented to ER with alleged history of trauma followed by vomiting. His vitals, HR-96/min, oxygen saturation (SPO_2) – 95% with GCS of 5/15
   a) Mention five components of primary survey. Write about GCS
   b) How will you manage above patient?

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

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

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

13. Draw skin anatomy
14. Renal abscess
15. Bladder pain syndrome
16. Bone marrow aspiration
17. Dry drowning
18. Flail chest
19. Urethral stricture
20. Steps of hand wash
21. Cullen's sign
22. Mention three features of tension pneumothorax

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. Emergency and Trauma Care Technology Degree Examination – 16-Dec-2022

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 ectopic pregnancy. Write a note on clinical features, investigations and treatment of ectopic pregnancy
2. Explain briefly about BLS in pediatric age group

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

3. Spontaneous abortion
4. Note on hyperemesis gravidarum and its management in ED
5. Abruptio Placentae
6. How do you prepare the ambulance for neonatal and pediatric transport
7. Write a note on laryngoscope blades used in pediatric age group
8. Treatment of Bronchial Asthma in children
9. Febrile Seizures
10. Approach to hypoglycemia in children
11. Management of patient with acute agitation in ED
12. Alcohol withdrawal syndrome

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

13. HELLP Syndrome
14. Methods of Episiotomy
15. Mallampati grading scale of airway
16. Mention any three causes of wheezing in 5 year old child
17. Write a note on Testicular torsion in children
18. Write any three quantitative data
19. Write diagram of Histogram
20. Note on Euthanasia
21. Explain different types of data processing
22. Any three uses of Atropine in ED

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