Rajiv Gandhi University of Health Sciences, Karnataka

M. D. Degree Examination – 07-Jul-2023

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

EMERGENCY MEDICINE
PAPER – I (RS-2/RS-3)
Q.P. CODE: 7511

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

Answer all the questions **10 x 10 = 100 Marks**

1. Discuss normal potassium homoeostasis and management of hypokalemia.
2. Describe the pathophysiology, approach and emergency management of hypovolemic shock.
3. Anatomy of triangles of neck and procedure of internal jugular vein cannulation.
4. Liver function tests in obstructive Jaundice.
5. Describe the anatomy of coronary circulation and pathophysiology of myocardial ischaemia.
6. Pharmacology of antiarrhythmic drugs, its indications with dosage schedule.
7. Renin angiotension aldosterone system.
8. Mention physiological changes in pregnancy and its relevance in resuscitation of a pregnant lady in cardiac arrest.
9. Describe neuro muscular junction physiology with a diagram.
10. Describe anatomical difference between a paediatric and adult airway management.

M. D. Degree Examination – 10-Jul-2023

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

EMERGENCY MEDICINE
PAPER – II (RS-2/RS-3)
Q.P. CODE: 7512

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

Answer all the questions **10 x 10 = 100 Marks**

1. Define Hypertensive Emergency. Discuss the types of hypertensive emergencies and treatment goals.
2. Discuss causes, clinical features and management of acute renal failure.
3. Tension pneumothorax
4. Vaginal bleeding in non pregnant patient.
5. Diagnosis and management of exacerbation of asthma in children.
6. Patient safety in ED
7. Oro facial pain – causes and management.
8. Traumatic brain injury
9. Peripheral vertigo causes and management.
10. HELLP syndrome

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M. D. Degree Examination – 12-Jul-2023

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

EMERGENCY MEDICINE
PAPER – III (RS-2/RS-3)
Q.P. CODE: 7513

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

Answer All The Questions **10 x 10 = 100 Marks**

1. How would you approach a patient presenting in the emergency department with acute breathlessness?
2. What is management of a sexual assault victim brought to the ED?
3. Acute alcoholic intoxication.
4. Management of a patient of "Near drowning"
5. Hypertensive emergency in pregnancy.
6. Sudden cardiac death.
7. Acute pulmonary oedema causes and management.
8. ECMO therapy (Extracorporeal membrane oxygenation).
9. Drugs used in paediatric CPR.
10. Compartment syndrome.

M. D. Degree Examination – 14-Jul-2023

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

EMERGENCY MEDICINE
PAPER – IV (RS-2/RS-3)
Q.P. CODE: 7514

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

Answer All The Questions **10 x 10 = 100 Marks**

1. Discuss diagnostic tests used to differentiate the types of Acute kidney injuries. List the emergent indications for Renal replacement therapy.
2. Classify antithrombotic drugs. Discuss the evaluation and management of bleeding complications of antithrombotic therapy.
3. Discuss a decision strategy and sequence of actions for emergency psychiatric assessment of a violent patient in the Emergency department.
4. Pathophysiology and management of Panic attacks.
5. Precipitants and treatment of Thyroid storm.
6. Describe five exanthematous lesions associated with infections.
7. Airway emergencies and Precautions in airway management in patients with Systemic Rheumatic diseases.
8. Discuss briefly clinical features, laboratory diagnosis and management of any two emergencies related to Metabolic complications of malignancies.
9. Discuss the etiopathogenesis, clinical features and treatment of Methemoglobinemia.
10. Discuss four toxic industrial gas exposures causing inhalational injury.