Rajiv Gandhi University of Health Sciences, Karnataka

M. D. Degree Examination – MAY-2018

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

EMERGENCY MEDICINE

PAPER – I

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. Describe the coronary circulation, pathophysiology and diagnosis of acute coronary syndromes.
2. Pathophysiology and diagnostic tests of a patient presenting with acute pain abdomen.
3. Pathophysiology and probability assessment of pulmonary embolism.
4. Labetalol
5. Defibrillation
6. Pelvic fractures kinematics, assessment and management in ED.
7. Activated charcoal
8. Surgical cricothyroidotomy
9. Flail chest
10. Notifying the living of Death

M. D. Degree Examination – MAY-2018

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

EMERGENCY MEDICINE

PAPER – II

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. Discuss the approach, diagnosis and management of a patient coming with chest pain in the emergency department.
2. Clinical features diagnosis and management of ischemic stroke.
3. Management of Methanol poisoning
4. Pulse oximetry
5. Diabetic ketoacidosis
6. Sedation and analgesia in ED
7. Bioterrorism
8. Organization of an Emergency Department in a hospital.
9. Management of developmentally disabled adult in ED.
10. Clinical approach and diagnosis of genitourinary blunt trauma injury.

Rajiv Gandhi University of Health Sciences, Karnataka

M. D. Degree Examination – MAY-2018

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

EMERGENCY MEDICINE

PAPER – III

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 altered sensorium?
2. What is management of a child with foreign body in the upper respiratory tract in the ED?
3. Intra aortic balloon pump (IABP)
4. Heatstroke management
5. Hyperkalemia
6. Management of severe hemoptysis in ED.
7. Abdominal compartment syndrome.
8. Newer guidelines of ACLS.
9. Status Epilepticus causes and management in ED.
10. Surgical Cricothyroidotomy.

M. D. Degree Examination – MAY-2018

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

EMERGENCY MEDICINE

PAPER – IV

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. Pathophysiology, assessment and management of blunt abdominal injury.
2. Emergency department evaluation and treatment of electrical burns.
3. Evaluation and management of injection drug users in the emergency department.
4. Altered mental status in elderly assessment and management in ED.
5. Clinical features and management of anterior epistaxis.
6. Discuss pathophysiology, clinical features and management of a patient with hand and foot dermatitis.
7. Strategies for physician well being.
8. Pathophysiology, clinical features and management of hyperosmolar hyperglycemic state.
9. Necrotizing fascitis
10. Clinical features, diagnosis and management of cough.

Rajiv Gandhi University of Health Sciences, Karnataka

M. D. Degree Examination – NOV-2018

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

EMERGENCY MEDICINE

PAPER – I

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. Describe the precipitating factor, recognition and management of tachyarrhythmia in the ER.
2. What is Acute Pancreatitis? Discuss its causes, severity scoring and management.
3. Acute exacerbation of COPD
4. Paracetamol toxicity
5. Etomidate
6. Hyperkalemia
7. Acute Respiratory Distress Syndrome : Causes, diagnosis and management in ED.
8. Croup
9. Acute volume loss causes and pathophysiology.
10. Coronary circulation and pathophysiology of acute coronary Syndrome.

*****

M. D. Degree Examination – NOV 2018

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

EMERGENCY MEDICINE

PAPER – II

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. Explain clinical feature, diagnosis and management of patients presenting with acute exacerbations of chronic obstructive pulmonary diseases.
2. Discuss the etiopathology, clinical presentation and management of acute gastroenteritis in Emergency Department.
3. Pelvic fracture – classification and treatment.
4. Emergency management of suspected spinal injuries.
5. Ectopic pregnancy
6. Vertigo
7. Diabetic ketoacidosis
8. Acute retention of urine – Emergency management
9. Blunt trauma of the eye clinical evaluation and management.
10. Acute peripheral neuropathies

Rajiv Gandhi University of Health Sciences, Karnataka

M. D. Degree Examination – NOV 2018

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

EMERGENCY MEDICINE

PAPER – III

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. What is Surgical airway? What are its indications? How would you perform it and manage in the ED?
2. What is Cerebral auto-regulation? How would you assess and manage a case of severe head injury?
3. Trauma in pregnancy
4. Assessment of spinal cord injuries in ED
5. Abdominal compartment syndrome
6. FAST and DPL
7. Colle's fracture
8. Shoulder dislocation – types and its correction in ED
9. Surviving sepsis 2017 guidelines for ED
10. Intra – aortic balloon pump (IABP)

M. D. Degree Examination – NOV - 2018

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

EMERGENCY MEDICINE

PAPER – IV

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 organization and planning of a Modern Emergency Department in a tertiary care hospital.
2. Describe the pathophysiology of septic shock. Discuss its clinical features, diagnosis and management in the Emergency Department.
3. Ultrasonography in Emergency Department.
4. Clinical application of myocardial marker measurements in risk based decision making.
5. Metabolic acidosis
6. Procedural sedation and analgesia in ED
7. Pathophysiology, clinical features and management of Anaphylaxis.
8. Management of a female patient with sexual assault.
9. Discuss clinical features and complications of uremia.
10. Clinical assessment and management of a child with dehydration.