

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**M. D. Degree Examination – MAY-2019**

**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 Anatomy of the portal venous system, pathophysiology and clinical features of portal hypertension in cirrhosis of liver.
2. Classify, discuss mechanism of actions clinical indications of Heparin in ED
3. Principles of Pulse oximetry and factors affecting pulse oximetry measurements.
4. Classification and Pathophysiology of Lactic acidosis.
5. Delayed Sequence Intubation.
6. Feedback devices in Cardiopulmonary Resuscitation.
7. Classify Acute coronary syndrome and describe diagnostic investigations in ED
8. Nerve Gases
9. Draw an Disaster Incident Command System organizational chart and explain the major components.
10. M-Mode Ultrasound applications for Emergency Physician.

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