

Rajiv Gandhi University of Health Sciences, Karnataka

D.M Degree Examination – 11-Dec-2019

Time: Three Hours**Max. Marks: 100 Marks****CRITICAL CARE MEDICINE - PAPER – I****QP Code: 9136**

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary. Answer all questions.

LONG ESSAY (These questions carry 10 marks each)**10 X 10 = 100 Marks**

1. Describe the lung volumes and capacities.
2. Discuss Post-Antibiotic effect.
3. Discuss oxidative phosphorylation and the electron transport chain.
4. Describe proper method for obtaining a blood culture of ICU patients.
5. Discuss ethical principles in brief.
6. Enumerate the causes of high anion gap metabolic acidosis and treatment of 3 conditions in brief.
7. Describe the action potential of heart and how it differs from the neuromuscular junction.
8. Discuss Milrinone.
9. Discuss the importance of ascending reticular activating system.
10. Double Bohr effect.

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