

# Rajiv Gandhi University of Health Sciences

## D.M Degree Examination – 18-Dec-2019

**Time: Three Hours****Max. Marks: 100 Marks****Critical Care Medicine - PAPER – IV****QP Code: 9139**

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. What is AnaConda™? Describe its use in the ICU. Discuss the advantages and disadvantages.
2. What is stress index? Discuss the utility in patients with ARDS.
3. What is the role of HFNO in patients with ARF? How does HFNO work?
4. What is End-Expiratory Occlusion test? How it is performed and what is the significance?
5. Describe volume capnography. What is the clinical application?
6. What is Halo sign? What does it signify? Discuss management of aspergillosis in brief.
7. What is thromboelastography (TEG)? Describe a classic (normal) TEG.
8. What is tele-medicine? Discuss the limitations.
9. What is MARS? What is its role in current clinical management of the patients?
10. What are hybrid dialysis machines? Discuss the utility.

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