

# Rajiv Gandhi University of Health Sciences

## D.M Degree Examination – JULY 2016

**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. Describe the presentation and management of viral sepsis in the ICU.
2. Describe and discuss why intensive sugar control in ICU has fallen out of favour.
3. Describe indications for brain microdialysis in ICU.
4. Describe the recent trials on cerebral cooling post cardiac arrest and the current recommendations for temperature targets.
5. Discuss important recommendations in ICU which have come from data analysis of databases.
6. Describe and discuss the role of interferon in ARDS.
7. Discuss the use of arterial-venous oxygen ratios and venous to arterial CO<sub>2</sub> ratios in septic shock.
8. Describe techniques of extracorporeal membrane oxygenation in ARDS and the evidence supporting its use.
9. Describe and discuss the various modes of dual control ventilation.
10. Describe newer indications for colloids in the ICU.

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