

# Rajiv Gandhi University of Health Sciences

## D.M Degree Examination - JULY 2017

[Time: 3 Hours]

[Max. Marks: 100]

### **PULMONARY MEDICINE**

#### **PAPER – I**

#### **Q.P. CODE: 9116**

Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary. Answer all questions

#### **LONG ESSAY**

**10X10 = 100 Marks**

1. Describe the "receptors in the lung". Write a note on mechanism of dyspnea and its management.
2. Describe the "lung interstitium". Write a note DLCO in health and disease.
3. Write a note on airway resistance and its measurement. Describe the methods to decrease airway resistance.
4. Write a note on "anaerobic threshold" and its use in cardiorespiratory evaluation.
5. Write a note on "microbioma" and the lung.
6. Describe the principles of MRI scan and its role in lung disease.
7. Write a note on "confidence interval".
8. Write a note on the "adaptive immune responses" in the lung.
9. Write a note on physiology at high altitude and note on acute mountain sickness.
- 10 Describe the respiratory changes with ageing.

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