

**Q.P.CODE:128-NR**

DR NTR UNIVERSITY OF HEALTH SCIENCES:: VIJAYAWADA

M.D. DEGREE EXAMINATION – **APRIL, 2019**

**PULMONARY MEDICINE**

Paper-I – Basic Sciences

Time : 3 Hours

Max. Marks: 100

Note : Answer all questions

All questions carry equal marks

Draw neat diagrams wherever necessary

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WRITE SHORT ESSAYS ON THE FOLLOWING:

- 1) Mechanism of Mucociliary clearance.
- 2) Equal pressure points – Principle and clinical relevance
- 3) Sleep stages – Normal physiology with illustrations
- 4) Age related changes in respiratory function
- 5) Ventilation- perfusion inequality and its assessment
- 6) Solitary pulmonary nodule - evaluation
- 7) Small airway disease
- 8) T lymphocytes and the lung
- 9) Pathophysiology of dyspnea
- 10) Airway reactivity and methods of measuring them

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