

**Q.P.CODE:128-NR***Dr. NTR University of Health Sciences::Vijayawada-520 008*

M.D. DEGREE EXAMINATION – MAY, 2017

**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) Write a brief note on the Physiological effects of commercial flights and recommendations to patients with respiratory disease
- 2) Write a brief note on the embryology of esophagus and trachea, the types of tracheo-esophageal fistula and their clinical features.
- 3) Thermal lung injury
- 4) Body plethysmography
- 5) Physiology of sleep
- 6) Evaluation of cough
- 7) Lung defenses
- 8) Physiological changes in lung during pregnancy
- 9) Pulse oximeter
- 10) 2 D Echo in Pulmonology

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