#### Diplomate of the National Board Respiratory Medicine 2008

#### Paper I

### **Attempt All Questions in Order**

### Each question carries 10 marks

#### Write short notes on

- 1. Transfusion related Acute Lung Injury
- 2. Pulmonary manifestations of acute Pancreatitis
- 3. Diastolic Heart failure
- 4. Pathogenesis and clinical features of rheumatoid lung
- 5. Insulin resistance and obstructive Sleep Apnea
- 6. Vaccination against pulmonary infections
- 7. Low tidal volume ventilation in ARDS
- 8. Uremic lung
- 9. Septic Shock
- 10.Diffuse alveolar Hemorrhage

## PAPER II

- 1. What are the main sources of Indoor Air Pollution? Discuss briefly their effects on respiratory health.
- 2. Epidemiological risk factors of COPD
- 3. Enumerate different approaches for smoking cessation. Briefly describe the pharmacological management strategies.

- 4. Discuss briefly tuberculosis chemo prophylaxis
- 5. Relationship/associations between tobacco smoking and asthma.
- 6. What is meant by tuberculosis control? Describe briefly its epidemiological indices.
- 7. High altitude pulmonary edema
- 8. Epidemiology of Asthma in India
- 9. Describe Quality of life (QOL). Discuss briefly scales used to measure QOL for lung Cancer.
- 10.Global warming.

# PAPER III

- 1. Daignostic approach to a 40 year old male with a non resolving consolidation of right lower lobe.
- 2. Write a short note on XDR tuberculosis
- 3. Laboratory approach to diagnosis of interstitial lung disease.
- 4. Management of malignant pleura effusion
- 5. Assessment and monitoring of severitu of COPD
- 6. Pre operative evaluation for lung resection surgery
- 7. Palliative care in the terminally ill with respiratory diseases.
- 8. Discuss diagnosis of ventilator associated pneumonia.
- 9. Evaluation of a 50 year old male patient with exertional breathlessness.
- 10.Role of surgery in pulmonary tuberculosis.

## PAPER IV

- 1. Discuss briefly "Role of Biologicals" in respiratory diseases.
- 2. Advances in pharmacotherapy of pulmonary arterial hypertension (PAH)
- 3. Heliox
- 4. Staging of Non Small Cell Lung Cancer
- 5. Flow volume loops in diagnosis of upper airway obstruction and airway disease.
- 6. Endo bronchial ultrasonography (EBUS)
- 7. Capnometry definition and clinical utility.
- 8. Discuss anatomy of mediastinal lymph nodes
- 9. Factors affecting oxygen dissociation curve
- 10.Broncho provocation test.