

**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. Diagnostic 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 severity 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.