

**Diplomate of the National Board  
Respiratory Medicine  
2004**

**Each question carries 10 marks  
Write short notes on**

**PAPER I**

1. **Different pulmonary pressures affecting cardiopulmonary system.**
2. **Diabetes and respiratory system.**
3. **Ventilation perfusion defects in massive pulmonary infarction.**
4. **Arterio venous shunts in the lungs and effect on acid base balance**
5. **pulmonary vasculitis diagnostic techniques.**
6. **Cardiopulmonary monitoring in ICU**
7. **Haemodynamic instability management**
8. **Goodpasture's syndrome**
9. **eosinophilic syndrome**
10. **Stem cell concepts**

**PAPER II**

1. **Epidemiology of Bronchial asthma**
2. **smoking cessation clinics**
3. **COPD and Nutrition**
4. **Vaccines to prevent respiratory diseases**
5. **Sputum induction**
6. **voluntary testing and counseling centers**
7. **Sentinel surveillance in HIV**
8. **Public private mix in tuberculosis**
9. **trends in chemotherapy of lung cancer**
10. **DOTS issues**

### **PAPER III**

- 1. Aerosol therapy mechanism.**
- 2. Pneumoconiosis- future perspective.**
- 3. Value of HRCT in diffuse lung disease.**
- 4. Enumerate pulmonary infections in the immunocompromised and how will you treat PCP.**
- 5. Pre operative pulmonary evaluation.**
- 6. Mechanical ventilation – different parameters**
- 7. New diagnostic techniques in pulmonary TB**
- 8. Bioterrorism and respiratory system**
- 9. Gene therapy and cystic fibrosis.**
- 10. Oxidants and anti oxidants- role in respiratory diseases.**

### **PAPER IV**

- 1. Mechanism of non invasive ventilation.**
- 2. leukotriene receptor antagonist**
- 3. Gene therapy in respiratory diseases**
- 4. Smoking, cadmium and emphysema- The relationship**
- 5. Risks of diagnostic bronchoscopy**
- 6. Lymphangiomyomatosis**
- 7. Pulmonary nocardiosis**
- 8. Antibacterial rotation and VAP**
- 9. Adjuvant therapy in lung cancer**
- 10. CVP monitoring in ICU**