

QP Code:

Reg.No.:.....

**D.M. (Pulmonary Medicine) Degree Examinations
(Model Question Paper)**

**Paper I – Applied basic sciences in relation to General Medicine
& Pulmonary Medicine**

Time: 3 hrs

Max marks:100

- **Answer all questions**
- **Draw diagrams wherever necessary**

Essays:

(20)

1. What is acquired immuno deficiency. Discuss the different pulmonary problems in an immuno suppressed patient. Classify the drugs used in HIV infection.

(5+8+7=20)

Short essays:

(8x10=80)

2. Obesity- hypoventilation syndrome.
3. Thoracic outlet syndrome
4. Role of diaphragm in respiration
5. Dynamic compliance
6. Line probe assay
7. Role of ultrasound in pulmonary medicine
8. Pressure support ventilation
9. Sepsis syndrome

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**Paper II - Non infectious Respiratory Diseases including those affecting
Respiratory centre, Chest wall and Mediastinum**

Time: 3 hrs

Max marks:100

- ***Answer all questions***
- ***Draw diagrams wherever necessary***

Essays:

(20)

1. Discuss the etiopathogenesis of lung cancer. What are the systemic diseases related to smoking. How will you plan an anti smoking strategy. (7+7+6= 20)

Short essays:

(8x10=80)

2. Chylothorax
3. Metabolic syndromes and OSA
4. Asthma mimics
5. Tiotropium
6. Congenital cystic adenomatoid malformations
7. LVRS
8. Tracheal stenosis
9. Primary pulmonary hypertension

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Paper III - Respiratory Infections including tuberculosis

Time: 3 hrs

Max marks:100

- ***Answer all questions***
- ***Draw diagrams wherever necessary***

Essays:

(20)

1. What is pneumonia severity index. Discuss the management of community acquired pneumonia. (10+10=20)

Short essays:

(8x10=80)

2. Relative merits and demerits of revised national tuberculosis control programme.
3. Mycobacterium growth index tube
4. Acinetobacter
5. XDR TB
6. Exudative effusion
7. Hospital infection control policy
8. Viral pandemics
9. Haemoptysis

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**D.M. (Pulmonary Medicine) Degree Examinations
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**Paper IV - Respiratory Critical Care and recent advances in
Pulmonary Medicine**

Time: 3 hrs

Max marks:100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essays:

(20)

1. How will you manage a case of ARDS with multi organ failure. What is lung protective ventilation. How will you prevent baro trauma. (10+6+4=20)

Short essays:

(8x10=80)

2. Health care associated pneumonia.
3. Pulmonary AV fistula
4. DLCo
5. Indacaterol
6. Bronchial artery embolization
7. Toxic gas inhalation
8. Diagnosis of pulmonary thrombo embolism
9. Lupus pneumonia
