

Aug-2026

**BLDE (DEEMED TO BE UNIVERSITY)
POST GRADUATE DEGREE EXAMINATION**

[Time: 3 Hours]

[Max. Marks: 100]

**MD RESPIRATORY MEDICINE – PAPER - I
QP CODE: 5077**

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in the middle of the page.

Long Essay

(2x20=40 Marks)

1. Discuss in detail Arterial and Venous Blood supply, Lymphatic Drainage of Lungs. And their Clinical Importance. (15+5)
2. Discuss the immunopathogenesis of Asthma. Describe the diagnostic approach and evidence-based management of a patient presenting with acute severe asthma. (5+15)

Short Essay

(6x10=60 Marks)

3. Respiratory mechanics and compliance of the lung. (5+5)
4. Structure and functions of the pleura. (5+5)
5. Diffusing capacity of the lung (DLCO): principles and applications. (5+5)
6. Neural control of respiration (10)
7. Respiratory muscles and their role in breathing. (10)
8. Acid-base balance and respiratory regulation. (5+5)

19/08

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[Time: 3 Hours]

[Max. Marks: 100]

**MD RESPIRATORY MEDICINE – PAPER - II
QP CODE: 5078**

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Draw neat labeled diagrams wherever necessary.

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Write Question No. in the middle of the page.

Long Essay

(2x20=40 Marks)

1. Discuss PMDT guidelines for Management of DRTB as per NTEP. (20)
2. Discuss the clinical approach to a patient presenting with Massive Haemoptysis. Explain the diagnostic algorithm and evaluate the various therapeutic interventions available for emergency management. (10+10)

Short Essay

(6x10=60 Marks)

3. Community-acquired pneumonia: clinical features and management. (5+5)
4. Discuss in detail Tuberculosis in PLHIV. (10)
5. Epidemiology Of TB In India. (10)
6. Pharmacology of First line ATT (H,R,Z,E,S). (10)
7. Tests for Tuberculosis TB Resistance. (10)
8. Tuberculosis of Lymph Nodes. (10)

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**MD RESPIRATORY MEDICINE – PAPER - III
QP CODE: 5079**

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in the middle of the page.

Long Essay

(2x20=40 Marks)

1. A 58-year-old man with severe community-acquired pneumonia develops progressive hypoxemia.
Discuss in detail causes and management. (5+15)
2. A patient with acute exacerbation of COPD presents with hypercapnic respiratory failure. Discuss the indications, contraindications, initiation-monitoring, and complications of non-invasive ventilation (NIV). (5+5+5+5)

Short Essay

(6x10=60 Marks)

3. Discuss in detail Hypersensitivity Pneumonitis. (10)
4. Ventilator-associated pneumonia. (10)
5. Oxygen delivery systems used in critical care. (10)
6. Classify Eosinophilic Lung Diseases. Discuss in brief about Tropical Pulmonary Eosinophilia (10).
7. Indications and Complications of Invasive Mechanical Ventilation. (5+5)
8. Classify Occupational Lung Diseases. (5+5)

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**MD RESPIRATORY MEDICINE – PAPER - IV
QP CODE: 5080**

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in the middle of the page.

Long Essay

(2x20=40 Marks)

1. Interventional Pulmonological Management Of Airway Obstruction. (20)
2. Discuss in detail regarding ECMO. (20)

Short Essay

(6x10=60 Marks)

3. Systematic reviews and meta-analysis. (10)
4. TRUNCATE TB Trial. (10)
5. Indwelling Pleural Catheter (IPC). (10)
6. Biologics In Asthma. (10)
7. Component Resolved Diagnostics in Allergy. (10)
8. Complications of Lung Transplantation. (10)