

OCT-2025

**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 left side of margin.

Long Essay

(2x20=40 Marks)

1. Discuss hematogenous dissemination of Tuberculosis under the following headings:

- A. Pathogenesis
- B. Differential diagnosis of miliary nodules on chest X-ray
- C. Management
- D. Add a special note on Pneumothorax in miliary TB

2. A. Discuss the development of lung. B. Add a brief note on lung agenesis and hypoplasia.

Short Essay

(6x10=60 Marks)

3. Delamanid.

4. Pleurodesis.

5. GERD and asthma

6. Discuss in brief about plagiarism in medical research.

7. Atypical Mycobacteria.

8. PEFR

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MD RESPIRATORY MEDICINE – PAPER - II

QP CODE: 5078

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 left side of margin.

Long Essay

(2x20=40 Marks)

1. Define ARDS. Discuss the diagnosis, prevention and management of ARDS?
2. Discuss in detail about the etiology diagnosis and management of ventilator associated pneumonia.

Short Essay

(6x10=60 Marks)

3. Radiological signs of pulmonary thromboembolism.
4. Vaccination in COPD.
5. Inducible laryngeal obstruction.
6. Role of ultrasound in pneumothorax.
7. Immune check point inhibitors in lung cancer.
8. Systemic sclerosis associated lung diseases.

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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 left side of margin.

Long Essay

(2x20=40 Marks)

1. Discuss the clinical features, etiopathogenesis, diagnosis and management of pulmonary edema.
2. Write in detail the risk factors, clinical features, diagnosis and management approach to patient with anti-TB treatment induced hepatitis.

Short Essay

(6x10=60 Marks)

3. Capnography.
4. Auto PEEP.
5. Role of thrombolytic therapy in acute pulmonary embolism.
6. Lung Protective ventilation strategies.
7. Type 2 respiratory failure.
8. Hamman-Rich syndrome.

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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 left side of margin.

Long Essay

(2x20=40 Marks)

1. Define Systemic inflammatory syndrome, sepsis and septic shock. Discuss the management of septic shock
2. Discuss the classification, clinical presentation, causes, diagnosis and management of Hypersensitivity pneumonitis.

Short Essay

(6x10=60 Marks)

3. Permissive hypercapnea.
4. TRUNCATE-TB trial.
5. Role of pulmonologist in disaster management.
6. Pulmonary alveolar microlithiasis.
7. Principles of ethics in medical research.
8. Air travel and lungs.