

July-2023

**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. Define XDR TB. Describe its mechanism of development, diagnosis and treatment
2. Describe the lymphatic drainage of the lung. Explain its utility in pulmonary practice and imaging techniques.

Short Essay

(6x10=60 Marks)

3. Decompression sickness.
4. Congenital diaphragmatic hernia.
5. Flail Chest
6. Common respiratory viruses and their manifestations
7. A-a O₂ gradient
8. Sensitivity and specificity of a diagnostic test

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[Max. Marks : 100]

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 asthma. Discuss the risk factors, diagnosis and management of difficult to control asthma.
2. Discuss in detail the pathogenesis, clinical features and diagnostic work up of bilateral pleural effusions.

Short Essay

(6x10=60 Marks)

3. Pneumocystis jiroveci pneumonia.
4. Bronchoscopic lung volume reduction procedures.
5. Lung transplantation.
6. Clubbing.
7. Paraneoplastic syndromes.
8. Rheumatoid arthritis 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. Describe the causes, pathophysiology, diagnosis and management of acute respiratory distress syndrome (ARDS).
2. Discuss clinical features, diagnosis and management of fungal infections of lung in immunocompromised patients.

Short Essay

(6x10=60 Marks)

3. Diffuse alveolar hemorrhage (DAH).
4. Continuous Positive Airway Pressure (CPAP).
5. Diagnostic tests for pulmonary embolism.
6. New agents active against methicillin-resistant *S. aureus*.
7. Atypical bacterial pathogens of lung.
8. Capnography.

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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 pulmonary vasculitis and discuss its pathophysiology, clinical features and management.
2. Discuss the approach to a case of solitary pulmonary nodule on chest radiograph.

Short Essay

(6x10=60 Marks)

3. Plagiarism in medical research.
4. Newer techniques for increasing the EBUS yield.
5. Pleurodesis.
6. Bronchial Thermoplasty.
7. Prone Ventilation.
8. Pneumonia Severity Index.