



RAN-2406121501010501

M. D. (Respiratory Medicine) Examination September - 2025
Paper - I
Time: 3 Hours]
[Total Marks: 100
સૂચના : / Instructions
(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.

Fill up strictly the details of signs on your answer book

Name of the Examination:

M. D. (Respiratory Medicine)

Name of the Subject :

Paper - I

Subject Code No.: 2406121501010501

Seat No.:

Student's Signature

- Q.1 Discuss Miliary TB, its etiopathogenesis, diagnosis, complication and management (20 Marks)
- Q.2 Describe pathophysiology of post primary tuberculosis. Discuss complications, sequelae and management of post primary tuberculosis. (20 Marks)
- Q.3 Describe Enumerate different methods to detect nutritional deficiency. Discuss role of nutrition in tuberculosis and 'NIKSHAY POSHAN YOJNA' (20 Marks)
- Q.4 Describe in brief, the various developmental anomalies of lung. (20 Marks)
- Q.5 Write Short Notes on- (5 Marks each) (20 Marks)
- Closing volume
 - Right middle lobe syndrome
 - Swimming pool granuloma
 - Pretomanid


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Paper - II
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M. D. (Respiratory Medicine)
Name of the Subject :
Paper - II
Subject Code No.: 2406121501010502
Seat No.:

Student's Signature

- Q.1** Discuss the causes, classification system and management of Pulmonary hypertension. **(20 Marks)**
- Q.2** Describe the causes of Haemoptysis. Discuss in detail about management of Massive Haemoptysis. **(20 Marks)**
- Q.3** What is sleep disordered breathing? Discuss in detail about risk factors, pathogenesis, clinical features and management of Obstructive sleep apnoea. **(20 Marks)**
- Q.4** Enumerate causes of ascites. Discuss aetiology, clinical features, and management of Hepatic Hydrothorax. **(20 Marks)**
- Q.5** **Write Short Notes on (5 Marks each)** **(20 marks)**
- A. Procalcitonin
 - B. Myxoedema coma
 - C. Ciliary dyskinesia
 - D. Budd-Chiari Syndrome


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Paper - III
Time: 3 Hours]
[Total Marks: 100
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(1)
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M.D. (Respiratory Medicine)
Name of the Subject :
Paper - III
Subject Code No.: 2406121501010503
Seat No.:

Student's Signature

- Q.1** Write in detail about Recent TNM staging of carcinoma of lung. Describe about diagnosis and management of small cell carcinoma. Discuss in brief about various paraneoplastic syndromes seen with small cell lung carcinoma. **(20 Marks)**
- Q.2** Classify ILDs. Discuss clinical features, management and complications of Idiopathic Pulmonary Fibrosis. **(20 Marks)**
- Q.3** Enumerate various eosinophilic lung diseases. Discuss in detail about pathogenesis, clinical features and management of Allergic Bronchopulmonary aspergillosis. **(20 Marks)**
- Q.4** Discuss the normal Gas Exchange mechanism in respiratory medicine. Discuss the aetiopathogenesis and management of CO₂ Narcosis in COPD Patients. **(20 Marks)**
- Q.5** **Write Short Notes on-(5 Marks each)** **(20 Marks)**
- Farmers lung
 - Ozone effect
 - High altitude Pulmonary edema
 - USG in Pneumothorax



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Paper - IV

Time: 3 Hours]

[Total Marks: 100

સૂચના : / Instructions

(1)

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Name of the Examination:

M.D. (Respiratory Medicine)

Name of the Subject :

Paper - IV

Subject Code No.: 2406121501010504

Seat No.:

Student's Signature

- Q. 1. Enumerate indications, procedure and post procedural complications of thoracoscopy. (20 Marks)
- Q. 2. Discuss in detail about Pulmonary Rehabilitation in Respiratory diseases. (20 Marks)
- Q. 3. Discuss classification systems for staging of lung cancer. (20 marks)
- Q. 4. Discuss normal pulmonary circulation. Describe various interventional Radiological procedures used in respiratory medicine. (20 Marks)
- Q. 5. Write Short Notes on- (5 Marks Each) (20 Marks)
- Umeclidinium
 - ECCOR (Extracorporeal carbon dioxide Removal)
 - Regimens used in TB preventive therapy
 - Preserved Ratio Impaired Spirometry (PRISm)