

## II INTERNAL EXAMINATION

### PT CARDIOLOGY

#### Section A (Long Essays)

( 2 × 15 = 30 marks)

1. Define Chronic Obstructive Pulmonary Disease (COPD). Explain its types (chronic bronchitis and emphysema), etiology, pathogenesis, clinical features, investigations, complications, and management.
2. Describe chest wall injuries including fracture rib, flail chest, pneumothorax, and haemothorax. Discuss physiotherapy for thoracic surgeries like thoracotomy, lobectomy, and pneumonectomy.

#### Section B (Short Notes)

(10 × 5 = 50 marks)

1. Explain bronchial asthma: etiology and management.
2. Discuss suppurative diseases like bronchiectasis and lung abscess.
3. Write about common infectious diseases: pulmonary TB and pneumonia.
4. Describe interstitial lung disease.
5. Explain occupational lung diseases.
6. Discuss pulmonary vascular diseases: pulmonary hypertension and thromboembolism.
7. Write a note on cancer lung and aspergillosis.
8. Explain cystic fibrosis.
9. Describe diseases of pleura: pleural effusion and empyema.
10. Discuss suctioning during chest physiotherapy: indications, types, steps, and complications.

#### Section C (Very Short Answers)

(10 × 2 = 20 marks)

1. Define hydropneumothorax.
2. What is lung contusion?
3. Name two injuries to great vessels.
4. Define decortication.
5. Mention two clinical features of emphysema.
6. What is empyema?
7. Define aspergillosis.
8. Name two investigations for COPD.
9. What is flail chest?
10. Define haemopneumothorax.