



**Avinashilingam Institute for Home Science and Higher Education for Women  
Coimbatore-641 043  
Bachelor's Degree Examination– APRIL 2025  
CIA-II**

**Class: III UG  
Major: Physician Assistant**

**Time: 2 hours  
Max. Marks: 60**

**22BPAC34 - Respiratory**

**Course outcomes:**

1. Understand the basics of anatomy and physiology of respiratory system, thoracic cavity, body fluids, blood.
2. Know the importance of assessment and diagnostic procedures, invasive techniques in respiratory system.
3. Understand the respiratory diseases and chest wall diseases.
4. Provide students insight into drug and intensive care management of respiratory system.
5. Aware of various surgical procedures and post operative rehabilitative management of respiratory system.

**Part-A**

**Choose the correct answer**

**6x1=6**

1. The progressive, genetic disease that causes persistent lung infections is CO3K1  
a. Lung cancer b. Cystic fibrosis c. Bronchitis d. Emphysema
2. This type of medication relaxes and opens constricted bronchi. CO3K1  
a. Antitussives b. Mucolytics c. Corticosteroids d. Methylxanthines
3. It is a section of Pulmonology and Respiratory Rehabilitation departments is CO4K1  
a. Respiratory ICU b. Cardiac ICU c. IMCU d. ICCU
4. The medical treatment used to treat a variety of breathing conditions is CO4K1  
a. Oxygen therapy b. Aerosol therapy c. Pharmacotherapy d. Ventilators
5. The medical procedure involving the surgical removal of the surface layer, membrane, or fibrous cover of an organ is CO5K1  
a. Decortication b. Thoracocentesis c. Intercostal drainage d. wedge resection
6. It is a serious type of injury to the chest in which the portion of the chest is separated from the chest wall CO5K1  
a. Fracture rib b. Flail chest c. Lung contusion d. Pneumonia

**Part B**

**3X6=18**

**Answer the following**

**Answer should not exceed 400 words or two pages**

7. a. Explain about Bronchial asthma. CO3K2  
**(or)**  
b. Express your view about the Pulmonary vascular disease. CO3K2
8. a. Describe the betaadrenergic antagonists and anticholinergic drugs. CO4K3  
**(or)**  
b. Describe the Antitubercular drugs and Aerosol therapy. CO4K2
9. a. Explain about the Heart lung machine. CO5K3  
**(or)**  
b. Explain about the Tracheotomy. CO5K2

**Part C**

**3x12=36**

**Answer the following**

**Answer should not exceed 800 words or four pages**

10. a. Define, etiology, pathogenesis, clinical features, complications, conservative and surgical management of COPD. CO3K2  
**(or)**  
b. Describe the diseases of pleura and Pulmonary TB. CO3K2
11. a. Express your view about the common drugs used in Respiratory diseases. CO4K3  
**(or)**  
b. Explain about Respiratory Intensive care unit. CO4K2
12. a. Describe the Surgical Management of Thoracotomy and Sternotomy. CO5K2  
**(or)**  
b. Explain in detail about the Pulmonary Rehabilitation. CO5K2

**All the best**

**No of copies: 56**

**Name of the Faculty: Mrs. Ramya.P**