

AOBP PULMONARY TABLE OF SPECIFICATIONS

CATEGORY	QUESTIONS
I. Clinical diseases	50%
A. Asthma	
B. Pneumonia	
1. Bacterial	
2. Viral	
3. Atypical	
4. Fungal	
5. Miscellaneous – Parasitic	
C. Pleural effusions	
D. Infections of upper airways and large airways	
1. Croup syndromes, epiglottitis	
2. Sinusitis	
3. Tracheitis	
4. Rhinitis	
E. Bronchopulmonary dysplasia – cause, complications, prevention, long term sequela and outcome	
F. Cystic fibrosis including genetics	
G. Pulmonary Vascular Disorders	
1. Pulmonary embolism, infarction	
2. Pulmonary hemorrhage	
a. Diffuse alveolar hemorrhage	
b. Massive hemoptysis	
3. Pulmonary Hypertension	
H. Interstitial lung diseases	
1. Pulmonary fibrosis	
2. Sickle cell lung diseases (acute chest syndrome, chronic lung disease)	
3. Complications oncologic disorders, Immunosuppression	
I. Chronic cough	
J. Objective sleep apnea	
K. Acute lung injury – Inhalational injury, Aspiration, Sepsis, Systemic inflammatory response	
II. Pulmonary physiology	30%
A. Gas exchange	
1. Blood gas and acid base interpretation	
2. Perfusion and ventilation relationship	
B. Pulmonary mechanics and function testing and interpretation	
C. Lung vascular physiology	
D. Control of breathing	

- III. Structure of the respiratory system** **15%**
 - A. Lung growth and development
 - B. Congenital anomalies
 - 1. Airways
 - 2. Parenchyma – sequestrations, cystic malformations
 - 3. Vasculature

- IV. Cell biology, lung defense mechanism, inflammation and repair** **5%**