Paper ID- 271

POST GRADUATE EXAMINATION, MAY - 2018

MD PULMONARY MEDICINE

(PAPER ONE)

BASIC SCIENCES AS APPLIED TO PULMONARY MEDICINE

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Discuss the blood supply and lymphatic drainage of the lung and its practical importance. Describe bronchial artery embolization. **(20)**

Q. 2. Write in detail about non respiratory functions of lung. **(20)**

Q. 3. **Describe briefly:** **(3 x 10 = 30)**

a. Oxy-hemoglobin (O_2-Hb) dissociation curve

b. SVC syndrome

c. Role of cardiopulmonary exercise testing in evaluation of dyspnea

Q. 4. **Write short notes on:** **(5 x 6 = 30)**

a. Indoor air pollution

b. Virtual bronchoscopy

c. Pulmonary sequestration

d. Medical thoracoscopy

e. Alveolar macrophages

X

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MD PULMONARY MEDICINE

(PAPER TWO)

PRINCIPLES AND PRACTICE OF TUBERCULOSIS

[Time allotted: Three hours] **[Max Marks: 100]**

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Discuss pathogenesis, clinical features and diagnosis of CNS tuberculosis. **(20)**

Q. 2. Discuss, in detail various genotypic methods for diagnosis of tuberculosis. **(20)**

Q. 3. Describe briefly: **(3 x 10 = 30)**

a. Diagnosis of tubercular pleural effusion

b. Non-tuberculous mycobacteria

c. Fall and rise phenomenon

Q. 4. Write short notes on: **(5 x 6 = 30)**

a. Bedaquiline

b. Lupus vulgaris

c. IGRA

d. Epituberculosis

e. Treatment of XDR tuberculosis

X

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MD PULMONARY MEDICINE

(PAPER THREE)

DISEASES OF RESPIRATORY SYSTEM OTHER THAN TUBERCULOSIS

[Time allotted: Three hours] **[Max Marks: 100]**

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Define VAP (ventilator associated pneumonia) and HAP (hospital acquired pneumonia). Discuss etiology and management of VAP. **(20)**

Q. 2. Define diffuse alveolar hemorrhage. Enumerate its causes. Discuss pathogenesis & management of diffuse alveolar hemorrhage (DAH). **(20)**

Q. 3. Describe briefly: **(3 x 10 = 30)**

a. Drugs used in management of pulmonary hypertension

b. Non pharmacologic management of COPD

c. ABPA (allergic broncho-pulmonary aspergillosis)

Q. 4. Write short notes on: **(5 x 6 = 30)**

a. Transfusion related acute lung injury

b. Perfinidone

c. Preoperative evaluation for fitness for non-thoracic surgery

d. Alveolar cell carcinoma

e. Ventilatory strategies for management of ARDS

X

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POST GRADUATE EXAMINATION, MAY - 2018

MD PULMONARY MEDICINE
(PAPER FOUR)

BASIC PRINCIPLES OF MEDICINE AS RELATED TO TUBERCULOSIS AND RESPIRATORY DISORDERS AND RECENT ADVANCES IN PULMONARY MEDICINE

[Time allotted: Three hours] **[Max Marks: 100]**

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Discuss vision, goals & targets of National Strategic Plan (NSP 2017-2025). Explain DTPB (Detect-Treat-Prevent-Build) approach of NSP. **(20)**

Q. 2. What is the interventional pulmonology? Discuss its diagnostic & therapeutic role in the management of pulmonary diseases. **(20)**

Q. 3. Describe briefly: **(3 x 10 = 30)**

a. Current status of TB vaccine development

b. Lung volume reduction techniques

c. Lung transplantation

Q. 4. Write short notes on: **(5 x 6 = 30)**

a. Ventilation perfusion lung scan

b. DLCO

c. Oxygen concentrator

d. ECMO

e. Describe the newer modes of ventilation

X