

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0423]

APRIL 2023

Sub. Code: 2611

B.Sc. RESPIRATORY THERAPY
SECOND YEAR (Regulations 2014-2015 & 2018-2019 onwards)
PAPER I – RESPIRATORY DISEASES
Q.P. Code: 802611

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Pleural Effusion. Mechanism of Formation, Various causes, Diagnosis and Management of Pleural Effusion.
2. Bronchial Asthma – Definition, Types, Diagnosis and Management.
3. Pulmonary Embolism – Causes, Diagnosis, Radiological Signs, Severity Assessment and Management.

II. Write notes on:

(8 x 5 = 40)

1. Define VAP and write about VAP bundle.
2. Anion Gap and write about the various causes of High Anion Gap Acidosis.
3. ARDS – Acute Respiratory Distress Syndrome.
4. COPD – Chronic Obstructive Pulmonary Diseases.
5. What is Hemothorax? Write about Causes, Diagnosis and Management.
6. Theophyllines.
7. Obstructive Sleep Apnea.
8. Radiological signs of Bronchiectasis.

III. Short answers on:

(10 x 3 = 30)

1. Respiratory Alkalosis.
2. Causes of ILD.
3. Chest trauma.
4. CAP (Community Acquired Pneumonia).
5. Clubbing – Definition and Grading and Respiratory causes of Clubbing.
6. Diaphragmatic breathing exercise.
7. Types of Lung cancer.
8. Venturi principle.
9. MDI - Metered Dose Inhaler.
10. Chemotherapy for Pulmonary Tuberculosis.
