

[LJ 0816]

AUGUST 2016

Sub.Code :2611

**B.Sc. RESPIRATORY THERAPY
SECOND YEAR
PAPER I – RESPIRATORY DISEASES**

Q.P. Code: 802611

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Elaborate on:

(3 x 10 = 30)

1. Pulmonary Fibrosis – Definition, Pathogenesis, Clinical Features, Diagnostic Criteria and Management.
2. Hypoventilation and Hyperventilation – Causes and Management.
3. Anion Gap – Definition. Add a note on High Anion Gap acidosis and Non Anion Gap Acidosis.

II. Write Notes on:

(8 x 5 = 40)

1. Enumerate on Breathing Patterns.
2. Respiratory Acidosis – Causes, Compensation and Management.
3. Stepwise Management of Acute Exacerbation of Chronic Obstructive Pulmonary Disease.
4. Ventilation Perfusion Mismatch.
5. Enumerate on Chest Wall Deformities.
6. Thrombolysis in Pulmonary Embolism.
7. Non Ventilatory Management of Adult respiratory Distress Syndrome.
8. Henderson Hasselbach Equation.

III. Short Answers on:

(10 x 3 = 30)

1. Borg Scale.
2. Acid Fast Bacilli Stain.
3. Pulmonary Embolism Severity Index.
4. Metabolic Alkalosis.
5. Berlin Definition.
6. Hypertensive Crisis.
7. Indications for Mechanical Ventilation in Gullian Barre syndrome.
8. Open Pneumothorax.
9. ABG in Bronchial Asthma.
10. Multi Drug Resistant Tuberculosis.
