

[LP 0819]

AUGUST 2019

Sub. Code: 2616

**B.Sc. RESPIRATORY THERAPY**

**THIRD YEAR**

**PAPER I – RESPIRATORY THERAPY TECHNIQUES - I**

*Q.P. Code: 802616*

**Time: Three Hours**

**Maximum : 100 Marks**

**Answer All questions**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Hypoxaemic respiratory failure.
2. Monitoring of a mechanically ventilated patients.
3. Define acute exacerbation of COPD. Write on its ventilatory and medical management.

**II. Write Notes on:**

**(8 x 5 = 40)**

1. Define capnography and its significance.
2. Prone ventilation.
3. Indication and complication of mechanical ventilation.
4. Define deadspace and its types.
5. Extubation – criteria, protocol and complication.
6. Types of respiratory failure.
7. Ventilator graphics – explain on loops.
8. Define VAP. Explain on VAP prevention bundle.

**III. Short Answers on:**

**(10 x 3 = 30)**

1. Neostigmine.
2. Respiratory quotient.
3. Pulse oximetry.
4. Auto PEEP.
5. Peak inspiratory pressure.
6. Metabolic acidosis.
7. CPIS (Clinical Pulmonary Infection Score).
8. Minimal occlusion volume technique.
9. Ventilator induced lung injuries.
10. Permissive hypercapnia.

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