

**B.Sc. RESPIRATORY THERAPY**

**THIRD YEAR**

**PAPER II – RESPIRATORY THERAPY TECHNIQUES - II**

*Q.P. Code: 802617*

**Time: Three Hours**

**Maximum : 100 Marks**

**Answer All questions**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Aerosol therapy – Types, indication and outcome assessment.
2. Explain oxygen cascade and its application.
3. Draw algorithm for difficult airway and explain the causes for difficult intubation.

**II. Write Notes on:**

**(8 x 5 = 40)**

1. ICD-procedure and its complications.
2. Indications for ECMO and its complications.
3. Oxygen dissociation curve.
4. Different types of humidification.
5. Describe low flow oxygen therapy.
6. Types of suctioning and its complication.
7. Combitube and its uses.
8. Bronchoscope and its clinical importance.

**III. Short Answers on:**

**(10 x 3 = 30)**

1. Types of hypoxia.
2. Venturi principle.
3. Indication of T-Piece trial.
4. Mallampati grades.
5. Confirmation of endotracheal intubation.
6. Explain parts of ET tube with diagram and its significance.
7. Rapid sequence intubation.
8. Advantages and disadvantages of MDI.
9. HME vs heated humidifiers.
10. Hazards of oxygen therapy.

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