

**B.Sc. RESPIRATORY THERAPY
SECOND YEAR**

PAPER IV – EQUIPMENTS IN RESPIRATORY CARE

Q.P. Code: 802614

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Capnography – its uses, advantages and its limitations.
2. Write briefly about difficult airway guidelines. How will you prepare difficult airway cart?
3. Write briefly about humidifiers - its types, advantages and disadvantages.

II. Write notes on:

(8 x 5 = 40)

1. Pin index system.
2. Double lumen tube.
3. Oxygen blender.
4. Oropharyngeal airway.
5. High flow nasal cannula.
6. Latex allergy.
7. Miller blade.
8. Beer Lambert law.

III. Short answers on:

(10 x 3 = 30)

1. Non rebreathing masks.
2. Video laryngoscope.
3. Paramagnetic oxygen analyser.
4. Magills forceps.
5. Esophageal detector device.
6. Preformed ET Tube.
7. McCoy blade.
8. Ultrasonic nebulizers.
9. ET Tube cuff types and its advantage and disadvantages.
10. Intubating stylet.
