

B.Sc. CRITICAL CARE TECHNOLOGY
(New Syllabus 2014-2015 & 2015-2016)

THIRD YEAR

PAPER II – ICU THERAPY

Q.P. Code: 801237

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Outline the general supportive treatment on the management of Organo Phosphorous compound poisoning. What are the steps to be taken when such a patient becomes hypoxic?
2. Define Respiratory failure. List the causes of Type II Respiratory failure and how you would manage a patient with Type II respiratory failure?
3. Write in detail about Burns Assessment, Pathophysiology, Clinical Manifestations, Diagnosis and Treatment modalities.

II. Write notes on:

(8 x 5 = 40)

1. Manual in line stabilization.
2. Write notes on Tracheal intubation.
3. Basics of IABP.
4. Universal precautions.
5. Low flow Oxygen delivery devices.
6. Types of inhaled drug therapy, advantage of each type.
7. Fluid resuscitation in circulatory shock.
8. Trouble shooting high airway pressure / pressure limitation alarms on ventilator.

III. Short answers on:

(10 x 3 = 30)

1. Define abdominal compartment syndrome.
2. List the causes for difficulty in weaning a patient on ventilator.
3. Define Trauma. Three important steps in the golden hour.
4. Define Humidification.
5. Modes of Dialysis.
6. Basic care of fractures – Write any 4 steps.
7. Complications of NIV.
8. Draw the sequence of Basic Life Support.
9. Define work of breathing.
10. Hazards of aerosols therapy.
