

[LG 0215]

FEBRUARY 2015

Sub.Code :1222

B.Sc. CRITICAL CARE TECHNOLOGY

THIRD YEAR

Paper II – ICU EQUIPMENTS

Q.P Code : 801222

Time: Three Hours

Maximum : 100 Marks

Answer All Questions

I. Elaborate on:

(3 x 10 = 30)

1. Describe about oxygen delivery systems and write a note on non- re-breathing mask.
2. Mention the Techniques, Indications and contraindications of Gastric lavage and write a note on activated charcoal.
3. Describe types of defibrillators. Mention the steps of Synchronized Cardioversion.

II. Write Notes on:

(8 x 5 = 40)

1. Mention the various colour coding of intravenous cannulas with their sizes and mention their infusion rates.
2. Write a note on plasmapheresis.
3. Write a note on Laryngeal mask Airway and its uses.
4. Describe about the Incentive spirometer.
5. How to approach to high pressure alarm in the Mechanical Ventilator?
6. Describe about T- piece breathing system.
7. What are the indications for emergency dialysis?
8. What are the steps for the decontamination of the suction equipments?

III. Short Answers on:

(10 x 3 = 30)

1. Enumerate the types of Blood pressure measurement.
2. Write a note on Reservoir Bag.
3. Describe about the ECG paper.
4. Write a note on Thermometer.
5. Note on CPAP Ventilation.
6. Mention the normal arterial blood gas values.
7. What are the methods to confirm endotracheal tube position and placement?
8. Notes on Haemofiltration.
9. Define Disinfectant.
10. Enumerate the different types of supraglottic airway equipments.
