

**B.Sc. ACCIDENT AND EMERGENCY CARE TECHNOLOGY**

**THIRD YEAR**

**PAPER III – AMBULANCE EQUIPMENTS**

*Q.P. Code: 801023*

**Time: Three Hours**

**Maximum: 100 Marks**

**Answer all questions**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Write in detail regarding Transcutaneous pacing.
2. Write in detail regarding spinal immobilization devices and methods.
3. Methods of Gastric Decontamination and Elimination of poison.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Synchronized cardioversion.
2. How to measure compartment pressure?
3. Pulseoximetry.
4. Whole Bowel Irrigation.
5. Management of Epistaxis.
6. Rhabdomyolysis and its Management.
7. Do's and Dont's in first aid management of thermal burns.
8. Log roll.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Mention 3 benefits of Head end elevation.
2. Mention 3 complications of Tracheal Suctioning.
3. Name 3 Central Venous access sites.
4. Name 3 Inotropic drugs.
5. Mention 3 uses of adrenaline with their doses.
6. Mention the fluid requirement per day for a child weighing 15 kg.
7. Mention 3 signs of Pelvic Injury.
8. What is Beck's triad?
9. What is Poiseuille's law?
10. What is normal?
  - a) Blood pressure.
  - b) Intracranial pressure.
  - c) Intra abdominal pressure.

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