

[LH 0815]

AUGUST 2015

Sub. Code: 1023

**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. Electrophysiology of 12 leads ECG.
2. General Management of poisoning in Emergency Department.
3. Indication, Premedications, Complications of blood transfusion in Emergency room.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Esophageal – Tracheal combitube, draw and elaborate on its functions.
2. Clinical procedure for difficult airway.
3. Ambulance and its power supply.
4. Vital sign measurement in Emergency Room.
5. Pathophysiology of wound healing.
6. Role of waveform capnography in intubation.
7. Spine immobilization.
8. Arteriovenous hemofiltration.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Clinical features of Hypocalcaemia.
2. Write a shot on AED.
3. Post - intubation care.
4. Pericardiocentesis.
5. Pulse oximetry.
6. Parts of Dialysis machine.
7. Mechanism of Nebulizer function.
8. Infant incubator.
9. Draw and label a Endotracheal tube.
10. Needle thoracocentesis.

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