

**B.Sc. ACCIDENT AND EMERGENCY CARE TECHNOLOGY****THIRD YEAR****PAPER I – EMERGENCY MEDICINE (EM) AND EMS - II***Q.P. Code: 801021***Time: Three Hours****Maximum: 100 Marks****Answer all questions****I. Elaborate on:****(3 x 10 = 30)**

1. 60 years male brought to ED with C/o chest pain for the past 2 hours; H/o Vomiting and Profuse sweating (+). He is a known case of DM and HTN on irregular treatment
  - a) What is the most probable diagnosis?
  - b) Differential diagnosis of chest pain.
  - c) Immediate management of myocardial infarction in ED.
2. 20 years male Alleged H/o RTA, on arrival to ED, he is conscious, oriented and obeying commands; He C/o pain right side of chest and right side of abdomen. His vitals:- BP - 60/40mmHg; PR - 140/min; RR - 30/min. His respiratory system examination reveals Asymmetric chest wall movements; Tracheal deviation to left side and absent breath sounds on right side
  - a) What is most likely life threatening injury he sustained?
  - b) Initial management and Resuscitation of the condition.
  - c) Types of Blunt injury to chest and Explain briefly about ICD insertion.
3. Explain Etiology, Diagnosis and management of post partum hemorrhage.

**II. Write notes on:****(8 x 5 = 40)**

1. Causes of upper GI bleed and its initial management.
2. Clinical features, Etiology and management of acute Gastro enteritis (Bacterial food poisoning).
3. Five differences between Crystalloids and Colloids.
4. Etiology, Clinical features and management of acute pancreatitis.
5. Short notes on Basic Airway management.
6. Short notes on Diabetic ketoacidosis and its complications.
7. Note on Disaster management cycle.
8. Treatment and Complication of snake bite.

**III. Short answers on:****(10 x 3 = 30)**

1. Management of Pre- Eclampsia.
2. Define Inotropes and mention 3 drugs.
3. Clinical features and management of hemorrhagic shock.
4. ECG changes and treatment of Hyperkalemia.
5. How will you recognise Hypoglycemia and Write on its management?
6. Prophylaxis and prevention of DVT in Post - operative patient.
7. Note on Blood pressure assessment.
8. Medical Gases.
9. Mechanism of Metered Dose Inhaler.
10. Uses of Intraosseous line.

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