

**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. a) Define Shock.
b) What are the types of Shock?
c) Describe the methods of management of Haemorrhagic Shock.
2. a) Define Heart Failure?
b) Enumerate the clinical features, investigations and immediate management of Heart Failure.
3. a) What is Acute Renal Failure?
b) What are the common causes of Renal Failure presenting in Emergency Room (ER)?
c) What are the clinical features and the indications for Dialysis in Acute Renal Failure?

II. Write notes on:

(8 x 5 = 40)

1. Define Triage and How to Triage the Disaster Victim?
2. Treatment guidelines for ST Segment Elevation MI and Non ST segment Elevation MI.
3. Discuss about the management of acute pulmonary edema.
4. Discuss the medical therapy for reducing raised intracranial pressure.
5. Write in detail about Assaults.
6. Write in detail about Oxygen Therapy.
7. Mention the complications of Snake Bite.
8. Discuss the Clinical features and management of Angina Pectoris.

III. Short answers on:

(10 x 3 = 30)

1. Define synchronized cardio version. Mention the indications.
2. Write six antifungal drugs and its indications.
3. Pathological changes in Diabetic Ketoacidosis.
4. Mode of transmission for Hepatitis – B.
5. Treatment for Hyponatremia.
6. Causes of Post Partum Haemorrhage.
7. Clinical Signs and Symptoms of Small Intestine Obstruction.
8. Criteria for acute respiratory distress syndrome (ARDS).
9. Write about the clinical features and management of frost bite.
10. Different modes of Mechanical Ventilator.