

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 Myocardial Infarction.
b) Discuss the clinical features and Cardiac Biomarkers in Acute Myocardial Infarction.
c) Discuss the immediate Management of Myocardial Infarction in Emergency Room.
2. a) What is COPD?
b) Describe the clinical features of acute exacerbation of COPD.
c) What are the investigations you will carry out?
d) Mention the immediate management.
3. Define triage. How will you manage a victim with 50% burns?

II. Write notes on:

(8 x 5 = 40)

1. Discuss the clinical features of Heat stroke.
2. Classify blast injury and mention the radiological features of blast lung.
3. Define flail chest. Write about the pathophysiology, clinical features and management.
4. Explain Different types of Seizure.
5. List down Anti Retro Viral Drugs.
6. How to approach the Aggressive Patient in Emergency Department?
7. Write in detail in regarding methyl alcohol poisoning and its management.
8. What are the complications of oxygen therapy?

III. Short answers on:

(10 x 3 = 30)

1. Discuss the ECG manifestation of Hyperkalemia.
2. What are the causes for lower GI bleeding?
3. What is the definition of Chronic Renal failure?
4. What are Characteristics of Pleural Effusion?
5. What are the seven Ps considered for Rapid Sequence Intubation (RSI)?
6. Mode of transmission of AIDS (HIV).
7. Signs and Symptoms of Acute appendicitis.
8. Indications for inter-costal drainage.
9. Five differences between Crystalloids and Colloids.
10. Mechanism of Metered Dose Inhaler.
