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. Define shock. Classify different types of shock. Write briefly about the etiopathogenesis, clinical features, and management of anaphylactic shock.
2. Define causative organism, mode of transmission, signs and symptoms, prophylaxis, investigation and treatment of enteric fever.
3. What are the risk factors for the myocardial infarction? Enumerate the complications, investigation and management of acute myocardial infarction.

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

1. Write in detail in regarding methyl alcohol poisoning and its management.
2. Discuss the management of acute febrile seizures in children.
3. Discuss the medical therapy for reducing raised intracranial pressure.
4. Write briefly about the Stevens - Jhonson syndrome?
5. What are the complications of oxygen therapy?
6. Describe the various causes of Haematuria.
7. Mention five differences between crystalloids and colloids solution.
8. Discuss the clinical features and treatment of acetaminophen overdose.

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

1. Mention the nerve agents used in the chemical warfare. Describe the pathogenesis of its action.
2. Discuss the various modes of pain management of the patient who had fracture in upper limb.
3. Define synchronized cardioversion. Mention the indications.
4. Write about the clinical features and management of frost bite
5. Discuss the risk factors for developing amniotic fluid embolism.
6. Define the term poison. Write the four ways in which a poison enter the body.
7. Describe the clinical features and management of scorpion stings.
8. Write any six indication for the invasive ventilator supports and mention the modes of ventilator.
9. What are the causes for upper GI bleeding?
10. Discuss the ECG manifestation of Hyperkalemia.

*****