

B.Sc. ACCIDENT AND EMERGENCY CARE TECHNOLOGY**THIRD YEAR****PAPER II – EMERGENCY SURGERY***Q.P. Code: 801022***Time: Three Hours****Maximum: 100 Marks****Answer all questions****I. Elaborate on:****(3 x 10 = 30)**

1. Discuss etiology of acid peptic disease.
Mention three differences between gastric and duodenal ulcer.
Management of 50 years old alcoholic presenting with acute hemetesis to emergency department with heart rate of 120/min and blood pressure of 80 systolic.
Mention the type of shock the patient is in and write five initial management protocols in Emergency department.
2. 50 years male travelling in a two wheeler hit against a tree. He has presented to emergency department with severe abdominal pain. His pulse rate is 125/min, BP 80 systolic. Classify and mention the features in hypovolemic shock. Write the management plan for the above patient in emergency department.
3. Define general anaesthesia. Write about the planes of anesthesia. Mention any four drugs used for induction of anaesthesia. Write a note on Ketamine.

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

1. Mention 10 complications of spinal anaesthesia.
2. Write a note on etiology, clinical features and management of renal colic.
3. Mention the etiology and management of acute appendicitis.
4. Classify burns. Write about the management of a patient having 50% burns in emergency department.
5. Mention the types of esophageal foreign bodies. Draw a management plan for a 5 years old child who has ingested a coin.
6. Write a note on torsion testis.
7. Approach to a patient with crush injury of the lower limb in ED.
8. Classify wounds. Write about the management of lacerated wound in emergency.

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

1. Mention three different types of regional anaesthesia.
2. Mention the layers of closure of a midline abdominal incision.
3. Accidental drowning
4. Nose bleed in a child. What are the 3 steps to do?
5. Mention three indications of cricothyroidectomy.
6. Importance of pupil examination in head injury.
7. Mention three causes of acute retention of urine.
8. Mention three causes of acute cholecystitis.
9. Mention six steps of rapid sequence induction.
10. Mention three complication of acute pancreatitis.
