

**B.Sc. ACCIDENT AND EMERGENCY CARE TECHNOLOGY
(New Syllabus 2014 - 2015)**

THIRD YEAR

PAPER II – EMERGENCY SURGERY AND EMERGENCY SURGICAL SERVICES

Q.P. Code: 801027

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Mention any 5 types of regional anesthesia. Write the anatomy of spinal cord. Mention the steps of spinal anesthesia. Mention 2 drugs that can be given in the sub arachnoid space.
2. Draw skin anatomy. Write about classification of burns. Write 5 steps in management of burns.
3. Write the causes of cord prolapse. Write the pathophysiology of cord prolapse. How will you identify cord prolapsed? Write any 3 maneuvers in the pre-hospital management of cord prolapse.

II. Write notes on:

(8 x 5 = 40)

1. Write the causes, signs and management of Torsion of testis.
2. Write 5 differences between gastric and duodenal ulcer.
3. Write the clinical features of tension pneumothorax and the immediate management of tension pneumothorax.
4. Mention 5 different types of abdominal incision.
5. Write the 5 components of primary survey.
6. Mention the 6 steps of rapid sequence induction. Write 2 indications for rapid sequence induction.
7. Mention 5 steps of crush injury management of hand in ED.
8. Write 5 indications for tracheostomy.

III. Short answers on:

(10 x 3 = 30)

1. Mention 3 indications for Heimlich Maneuver.
2. Mention 3 surgical emergencies
3. What is FAST? Write 2 indications for FAST in emergency department.
4. What is upper GI bleed?
5. MANTREL score.
6. Mention any 3 Drugs used for local anesthesia.
7. Write Modified Parkland formula.
8. Mention any 3 drugs given for pain management of renal colic.
9. Write any 3 indication for intercostal drainage.
10. Describe the anatomy of Internal Jugular Vein.