

**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. 50 years old male patient presented to the emergency department with the alleged history fall from tree of about 30 feet. On examination his HR is 150/min, BP is 80 systolic and GCS is 15/15. Mention 4 skeletal injuries associated with fall from height. Mention about the primary assessment and resuscitation for the above patient. Mention the 3 mandatory trauma series X-ray.
2. Define Burns. Write about the classification of burns. Mention the steps in the management of a patient with 50% burns.
3. Describe about the types of wounds. Mention about the pathophysiology and stages of wound healing. Write about cleaning of wounds.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Mention 5 life threatening chest injuries in trauma and write about the one immediate management of each.
2. Draw the cross section of spinal cord and its layers. Mention 3 drugs used in spinal anaesthesia.
3. Write a note on managing choking episode in an adult and child.
4. Define rapid sequence induction. Mention the steps of rapid sequence induction.
5. Mention etiology and management of acute cholecystitis.
6. Mention and define 5 different types of hernia.
7. Mention five differences between upper and lower GI bleed.
8. Mention an indication for needle thoracocentesis. Write the steps of needle thoracocentesis.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Mention 3 components of Becks triad.
2. Mention three drugs used for induction of anaesthesia.
3. What is Cullen's sign?
4. Mention three causes of hypoglycaemia.
5. Mention 3 indications of cricothyroidectomy.
6. Management of flail chest.
7. Mention 3 causes of acute retention of urine.
8. Mention 3 signs of acute appendicitis.
9. Mention three clinical feature of tension pneumothorax.
10. Mention 3 complication of acute pancreatitis.

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