

**B.Sc. IN ANAESTHESIA AND CRITICAL CARE  
TECHNOLOGY (BACT)**

**Term-End Examination**

**June, 2014**

**BAHI-079 : ANAESTHESIA SURGICAL SUPER  
SPECIALITIES**

*Time : 3 hours*

*Maximum Marks : 70*

**PART - A**

Answer **any five** questions. Each question carries  
**eight** marks. **5x8=40**

1. What is turp syndrome and its clinical presentation ? How can it be prevented ?
2. Enumerate two common positions used during neurosurgical operations. Describe the complications associated with these positions and their prevention.
3. A 6 month old baby is posted for cleft palate repair. Describe the equipment that should be kept ready for anaesthetizing this baby. What are the intraoperative complications that may occur ?
4. What are the drugs used during renal transplant recipient surgery ? Give the reasons why they are used.

5. What are the problems of anaesthesia administration in a MRI suite ? Describe the equipment and drugs which are commonly used here for anaesthesia.
6. A patient has been anaesthetized for left upper lobe lobectomy. Intraoperatively the oxygen saturation begins to fall ? What are the likely causes and what steps are taken to improve it ?

### **PART - B**

Write short notes on **any five** questions. **5x6=30**

1. Describe the methods and drugs used to reduce intracranial pressure during neurosurgery and their mechanism of action.
2. Describe continuous lumbar epidural analgesia for labour.
3. Drugs used in coronary bypass surgery and their mechanism of action.
4. Classify degrees of burns and their anaesthetic management preparation.
5. What are the problems in anaesthetizing paediatric patients ?
6. A labouring patient has been given lumbar epidural analgesia. Now she is posted for emergency LSCS. The epidural does not work. Tell the steps taken for general anaesthesia in this situation.