

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

**Term-End Examination**

**June, 2015**

**BAHI-078 : ANAESTHESIA FOR SURGICAL  
SPECIALITIES**

*Time : 3 hours*

*Maximum Marks : 70*

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- Note :**
- (i) *The question paper consists of **three** sections. Section I, II and III.*
  - (ii) *Section I and II consist of one question each. Each question carries **10** marks. Attempt **all** the questions from section I and section II.*
  - (iii) *Section III consists of **seven** questions. Attempt **any five** questions from section III. Each question carries **10** marks.*
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**SECTION - I**

1. Choose the most appropriate answer. **1x10=10**
- (a) ARDS seen after the fracture of long bones is due to :
    - (i) Thromboembolism
    - (ii) Fat embolism
    - (iii) Air embolism
  - (b) Laminectomy is done in :
    - (i) Prone position
    - (ii) Lithotomy position
    - (iii) Lateral position

- (c) The drugs used to reduce the CSF pressure in craniotomy are :
  - (i) Nitroglycerin
  - (ii) Mannitol and dexamethasone
  - (iii) Propofol
- (d) Lithotomy position :
  - (i) Increases cardiac output
  - (ii) Decreases cardiac output
  - (iii) No change in cardiac output
- (e) Inhalational agent preferred in day care surgery :
  - (i) Halothane
  - (ii) Sevoflurane
  - (iii) isoflurane
- (f) During thyroidectomy if the parathyroid is also removed the patient will have :
  - (i) Hypokalemia
  - (ii) Hypocalcemia
  - (iii) Hyponatremia
- (g) Occulo cardiac reflex is associated with :
  - (i) Tachycardia
  - (ii) Bradycardia
  - (iii) Hypertension
- (h) The drug to be avoided in patients with paraplegia or hyperkalemia is :
  - (i) Atropine
  - (ii) Succinylcholine
  - (iii) Thiopentone
- (i) Blood should be replaced during surgery in a normal patient if the blood loss is :
  - (i) More than 10%
  - (ii) More than 20%
  - (iii) More than 50%

- (j) After the delivery of the baby pitocin is given because :
- (i) It coneracts the smooth muscle of the uterus
  - (ii) It separates the placenta and so less bleeding
  - (iii) Both of the above

## SECTION - II

2. Fill in the blanks. 1x10=10

- (a) The expanded form of FESS is \_\_\_\_\_.
- (b) Drug used for Bier's block is \_\_\_\_\_.
- (c) Hyperbaric local anaesthetic is used for \_\_\_\_\_ block.
- (d) Minute ventilation is respiratory rate x \_\_\_\_\_.
- (e) High serum creatinine is seen in \_\_\_\_\_ failure.
- (f) Pulmonary aspiration syndrome in pregnant patient is also called \_\_\_\_\_ syndrome.
- (g) APGAR score above \_\_\_\_\_ is taken as normal.
- (h) Normal IOP (Intraocular Pressure) is \_\_\_\_\_ mm of Hg.
- (i) \_\_\_\_\_ is done to remove the foreign body from the bronchus.
- (j) Hyperventilation \_\_\_\_\_ ETCO<sub>2</sub>.

### SECTION - III

Answer any five(5) of the following : **10x5=50**

3. Describe in detail different methods used to prevent acid aspiration syndrome. **10**
  4. What are the steps of laparoscopic cholecystectomy ? **10**
  5. Describe the various methods of pain relief in labour. **10**
  6. How will you prepare and assist a case of tonsillectomy ? **10**
  7. Write short notes on following : **5+5=10**
    - (a) Tracheostomy
    - (b) Post operative complications of thyroidectomy
  8. What are the nerve blocks used in ophthalmic surgery ? List the complications. **5+5=10**
  9. Write briefly about the following : **5+5=10**
    - (a) Tourniquet
    - (b) Neonatal Resuscitation
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