

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

**Term-End Examination**

**December, 2014**

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

*Time : 3 Hours*

*Maximum Marks : 70*

- Notes :**
- (i) *The question paper consists of **three** sections. Section I, II and III.*
  - (ii) *Section I and II consist of one question each of **10** marks. Attempt all the questions from section I and section II.*
  - (iii) *Section III consist 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. **10x1=10**
- (a) Mendelson's syndrome is :
    - (i) Genetic syndrome
    - (ii) Congenital heart disease
    - (iii) Acid aspiration to lungs
  - (b) Air embolism can occur during :
    - (i) Posterior fossa craniotomy
    - (ii) Tonsillectomy
    - (iii) Laparotomy

- (c) ASA IE means :
  - (i) Normal patient for elective surgery
  - (ii) Normal patient for emergency surgery
  - (iii) Patients with endocrine disorder
- (d) Apgar Score is assessed at :
  - (i) 1 min and 10 min
  - (ii) 1 min and 5 min
  - (iii) 1 min and 2 min
- (e) The important monitoring during laproscopic surgery is :
  - (i) Temperature monitoring
  - (ii) ETCO<sub>2</sub> monitoring
  - (iii) NIBP monitoring
- (f) Tourniquet pressure in the upper limb is usually :
  - (i) 100 mm Hg over systolic pressure
  - (ii) 100 mm Hg over diastolic pressure
  - (iii) 100 mm Hg over mean arterial pressure
- (g) Drug for treating oculo cardiac reflex is :
  - (i) Atropine
  - (ii) Ketamine
  - (iii) Dopamine
- (h) The endotracheal tube used in adenoidectomy is :
  - (i) Naso tracheal tube
  - (ii) Oro tracheal tube
  - (iii) Double lumen tube

- (i) Potassium is administered as :
  - (i) Intra muscular injection
  - (ii) I.V. infusion
  - (iii) I.V. bolus
- (j) The ideal intra abdominal pressure in laproscopic surgery should be :
  - (i) more than 20 mm of Hg
  - (ii) 2-8 mm of Hg
  - (iii) less than 15 mm of Hg

## SECTION - II

2. Fill in the blanks. 10x1=10

- (a) \_\_\_\_\_ position reduces bleeding in head and neck surgeries.
- (b) Full form of ABG is \_ \_ \_ .
- (c) Metachlorpromide is used to promote \_\_\_\_\_ emptying.
- (d) Acid aspiration syndrome is called \_\_\_\_\_ syndrome.
- (e) Patient for D and C is positioned in \_\_\_\_\_ position.
- (f) Succinylcholine \_\_\_\_\_ IOP (Intra Ocular Pressure)
- (g) Stridor after thyroidectomy can be associated with \_\_\_\_\_ calcium level.
- (h) The induction agent that can cause hallucination is \_\_\_\_\_.
- (i) Cardiac output is stroke volume x \_\_\_\_\_.
- (j) \_\_\_\_\_ embolism is seen after fracture of long bones.

### SECTION - III

Answer **any five** of the following. **5x10=50**

3. How will you assist the anaesthesiologist for a laproscopic cholecystectomy ? **10**
  
  4. Describe general anaesthesia for emergency laparotomy. **10**
  
  5. How will you set up an emergency crash cart ? **10**
  
  6. Write about anaesthesia for hip replacement *problems and complications.* **5+5=10**
  
  7. How will you compare general anaesthesia and regional anaesthesia for caesarian section ? **10**
  
  8. Write short notes on following : **5+5=10**
    - (a) intra ocular pressure
    - (b) Tonsillectomy
  
  9. Describe the techniques for analgesia in labour. **10**
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