

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

00572

Term-End Examination

December, 2011

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

Time : 3 hours

Maximum Marks : 70

SECTION - I

1. Choose the *most appropriate* answer : **1x10=10**

(a) After supraclavicular brachial plexus block, the patient becomes breathless. Most likely cause is :

- (i) Pain
- (ii) Pneumothorax
- (iii) Nerve injury

(b) Drug to be avoided in patient with paraplegia is :

- (i) Propofol
- (ii) Ketanin
- (iii) Succinyl choline

- (c) Pre loading before regional anaesthesia for a caesarian section is done with :
 - (i) 10 - 20 ml/kg of crystalloid.
 - (ii) 2 - 5 ml/kg of crystalloid.
 - (iii) 50 ml/kg of crystalloid.

- (d) Air embolism can occur during :
 - (i) Tonsillectomy
 - (ii) Laparotomy
 - (iii) Posterior fossa craniotomy

- (e) Oculo cardiac reflex will lead to :
 - (i) Apnoea
 - (ii) Bradycardia
 - (iii) Tachycardia

- (f) Ideal intra-abdominal pressure in laparoscopic surgeries should be :
 - (i) less than 15 mm of Hg
 - (ii) 2 - 8 mm of Hg
 - (iii) more than 20 mm of Hg

- (g) Preferred induction agent of choice in patients with shock is :
 - (i) Sodium thiopentone
 - (ii) Ketamine
 - (iii) Propofol

- (h) Thyroid storm is a manifestation of :
 - (i) Hypothyroidism
 - (ii) Hyperthyroidism
 - (iii) Euthyroid state

- (i) Mendelson's syndrome is :
 - (i) Congenital heart disease
 - (ii) Genetic syndrome
 - (iii) Acid aspiration to lungs

- (j) Potassium is usually administered as :
 - (i) I.V. infusion
 - (ii) I.V. bolus
 - (iii) Intra muscular injection

SECTION - II

2. Fill in the blanks : 1x10=10

- (a) ASA class IE means normal patient coming for _____ surgery.
- (b) When regional anaesthesia is used for caesarian section, block level to be achieved is upto _____ vertebra.
- (c) Tourniquet pressure is about _____ mm over systolic blood pressure in orthopaedic surgery.
- (d) Full form of C.O.P.D. _____.
- (e) Name of the needle commonly used for epidural anaesthesia is _____.
- (f) Oculo cardiac reflex due to pressure or traction on eyeball can lead to severe _____.
- (g) Thyroid hormones are _____ and _____.
- (h) Heparin or low molecular weight heparin is used in orthopaedic patient to prevent _____.
- (i) The most commonly used gas to produce pneumoperitoneum in laparoscopic surgery is _____.
- (j) Fingers and toes are anaesthetised by local infiltration with 1-2% liqnocain _____ adrenaline.

SECTION - III

3. Answer *any five* of the following : 10x5=50

- (a) Anaesthesia for caesarian section.
 - (b) Rapid sequence Induction.
 - (c) Bronchoscopy in a 4 year old child
 - (d) Requirements for ophthalmic anaesthesia.
 - (e) Post operative complication of thyroidectomy.
 - (f) Anaesthesia for total hip Replacements
Problems and complications.
 - (g) Steps for Laparoscopic cholecystectomy.
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