

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

Term-End Examination

December, 2017

00181

BAHI-077 : REGIONAL ANAESTHESIA

Time : 3 hours

Maximum Marks : 70

Note : Attempt any 6 questions. Q. No. 8 is compulsory.

1. Describe commonly used local anaesthetic drugs with their properties. 10
2. Discuss in detail regional anaesthesia blocks for the upper extremity. 10
3. What are two main types of neuraxial blocks ? Describe any one of them. 10
4. Describe the contraindications of any regional anaesthetic procedure. 10
5. List the various local anaesthetic drug concentrations local, regional and neuraxial blocks 10

6. Enumerate different local / regional anaesthetic blocks you know and mention one type of surgery suitable for each of them. 10
7. A patient develops symptoms and signs of local anaesthetic drug toxicity. Describe them in detail. 10
8. Describe side effects and complications of sub-arachnoid block. How will you treat them. 10
9. Write short notes on **any four** of the following : 5x4=20
- (a) Different types of local anaesthetic and regional anaesthetic needles.
 - (b) Management of local anaesthetic toxicity.
 - (c) Role of ultrasound in regional and local anaesthetic procedures.
 - (d) Peripheral nerve stimulators (PNI) in local an regional anaesthesia
 - (e) Topical anaesthesia technologies for difficult intubation.
 - (f) Complications of epidural anaesthesia.
 - (g) Continuous Epidural Anaesthesia (catheter Technique)
 - (h) Draw a diagram of spinal cord and identity / Label the sub-arachoid and epidural spaces.
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