Roll No……..….. **Total No. of Printed Pages: [01]**
Total No. of Questions: [09]

B.Sc. (Anaesthesia Technology) (Semester – 4th)
REGIONAL ANESTHESIA
Subject Code: BANTS1-402
Paper ID: [21132317]

Time: 03 Hours **Maximum Marks: 60**

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consists of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A **(2 marks each)**

Q1. Attempt the following:

a. Write the needle used in spinal anesthesia.
b. Define saddle block.
c. Define epidural needles
d. Drugs used in Epidural anaesthesia.
e. What is hyperbaric technique?
f. Write the properties of lignocaine
g. Name 2 needle of dura cutting and dura separating.
h. Define total spinal.
i. Define the methods of local anaesthesia.
j. Define bupivacaine.

Section – B **(5 marks each)**

Q2. What are the advantages of CNB over General Anesthesia?
Q3. What are the causes of failure of local anaesthesia.
Q4. Explain Indications and procedure of B. Block
Q5. Explain Indications and procedure of CSE anaesthesia.
Q6. Write a short note on brachial plexus block.

Section – C **(10 marks each)**

Q7. Define Regional anaesthesia, discuss the indications and procedure of Spinal anaesthesia.
Q8. Discuss LOR and Hanging drop technique in detail.
Q9. Discuss the complication of spinal anaesthesia in detail.