

Roll No.

Total No. of Pages : 02

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M.Sc (Medical Technology - Anaesthesia & Operation Theatre) (Sem.-2)

ANESTHESIA EQUIPMENTS & TECHNOLOGY

Subject Code : MAOTT 201-21

M.Code : 91818

Date of Examination : 14-12-22

Time : 3 Hrs.

Max. Marks : 70

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A is COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **EIGHT** questions carrying **FIVE** marks each and students have to attempt any **SIX** questions.
3. **SECTION-C** will comprise of two compulsory questions with internal choice in both these questions. Each question carries **TEN** marks.

SECTION-A

1. Answer briefly :

- a. Define anaesthesia.
- b. What do you mean by caudal block?
- c. Name various volatile anaesthetic agents.
- d. Name three local anaesthetics and its dosages
- e. What do you mean by dissociative anaesthesia?
- f. Name various safety devices used in anesthesia machine.
- g. Define balanced anaesthesia.
- h. Muscle relaxants.
- i. Induction agents with examples.
- j. Caudal block.

SECTION-B

2. Explain in detail about pre anaesthesia check up and its importance.
3. Give an account on spinal and epidural needles.
4. Discuss in detail about analgesics and opioids.
5. Write in detail about Guedel's classification.
6. Write the advantages of central neuraxial blocks over general anaesthesia.
7. Write a note on advantages of epidural anaesthesia.
8. Elaborate on various methods of local anaesthesia.
9. Mention the advantages of day care anaesthesia.

SECTION-C

10. Discuss in detail pre-operative assessment, pre-medication and theatre setting for a patient undergoing surgery under general anaesthesia.

OR

What are all the common problems encountered in recovery room? Add a note on post-operative care after anaesthesia.

11. Write a detailed note on regional anaesthesia. Write its classification with examples.

OR

Write a detailed note on anaesthesia. Write the classification of anaesthesia with examples

NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.