Rajiv Gandhi University of Health Sciences, Karnataka

Third Year B.Sc. Anaesthesia Technology Degree Examination – 27-Oct-2026

Time: Three Hours **Max. Marks: 100**

ANAESTHESIA TECHNOLOGY – CLINICAL – PAPER-I (RS-3)

Q.P. CODE: 3271

Your answers should be specific to the questions asked
Draw neat labelled diagrams wherever necessary

LONG ESSAYS (Question No.2 Choice) **2 x 10 = 20 Marks**

1. Add a detailed note on Safety features in anesthesia machine?
2. Explain pre anesthetic assessment of patient posted for laparoscopic cholecystectomy

   OR

   Classification of local anesthetics? Write a note on local anesthetic toxicity and its management?

SHORT ESSAYS (Question No.5 & 10 choice) **10 x 5 = 50 Marks**

3. Write a note on physical facilities and anesthesia equipment's in operating room
4. Components of anesthesia checklist?
5. Trendelenburg position, its indications and complications?

   OR

   Types of positioning for spinal anesthesia, advantages and disadvantages of each type of positioning?
6. Neuromuscular monitoring under general anesthesia?
7. Perioperative considerations for splenectomy in regards with anesthesia
8. Explain pre medication in detail
9. Methods to reduce the blood loss in surgeries?
10. Physiological changes in pregnancy?

    OR

    Write a note on anesthesia technique for adenoidectomy plus tonsillectomy at 7 year old child?
11. Retrobulbar and peribulbar blocks in cataract surgery?
12. Anesthetic considerations for Patient with Diabetes Mellitus

SHORT ANSWER (Question No. 15 & 20 choice) **10 x 3 = 30 Marks**

13. Name three intravenous fluids with its composition
14. Name three drugs used for aspiration prophylaxis?
15. Add a note on halothane

    OR

    Blood pressure monitoring
16. Basic life support?
17. Deep vein thromboprophylaxis?
18. Sodium bicarbonate?
19. World anesthesia day?
20. Sodalime

    OR

    Adjustable Pressure Limiting (APL) valve
21. Write about seizures
22. Add a note on cyanosis

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