Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc Operation Theatre Technology Degree Examination – 29-Oct-2026

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

OPERATION THEATRE TECHNOLOGY – APPLIED- PAPER-II (RS-3)

Q.P. CODE: 3409

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

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

1. What is difficult intubation? How will you assess the airway of a patient? List of equipments you will keep in a difficult airway cart

2. What is Lithotomy position? How it is managed? What are the complications and preventive measures

   OR

   What are the preoperative preparation of a patient for various surgeries?

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

3. Anaesthetic adjuvant drugs. How are they useful in anaesthetized patient?
4. AMBU bags
5. Mention the immediate complications of endotracheal intubation

   OR

   TURP syndrome
6. Write the precautions before starting blood transfusion to a patient
7. What are the methods of estimation of blood loss during surgery?
8. Sterilization of operation theatre table
9. Methods of administration of inhalational agents
10. Write the difference between histological and cytological examination

    OR

    Write in detail about Dopamine and Dobutamine
11. Write the indications and contraindications of spinal anesthesia
12. Monitoring used in general anaesthesia

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

13. Write the advantages of Bain's circuit
14. Radiological examinations done for breast cancer
15. What is Proctoscopy? What anaesthesia is used for this?

    OR

    What is the purpose of skin preparation for surgery?
16. Write the uses of Magill's forceps
17. Flash sterilization
18. Laryngeal spray
19. Mention the drugs for reversal of a patient under general anaesthesia
20. Write the difference between isoflurane and halothane

    OR

    Manifold room
21. Uses of filters in anaesthesia machine
22. Write in brief about Bupivacaine

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