Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Anaesthesia Technology Degree Examination – 03-Nov-2026

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

Introduction to Anaesthesia Technology (RS-3)

Q.P. CODE: 3268

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. Mention ten golden rules of anaesthesia. How would you prepared and assess a patient posted for an elective surgery.

2. List and explain in detail various methods of sterilization.
   OR
   Draw a neat and labelled diagram and mention the components of circle system. Add a note on sodalime canister.

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

3. Mapelson's breathing system.
4. Write a short note on Bourdons pressure gauge.
5. Diagram of non rebreathing valve.
   OR
   Flow meter assembly
6. Colour coding of a cylinder.
7. Laryngeal mask airway.
8. Compliance and significance in anaesthesia.
9. Laryngoscope.
10. Halothane hepatitis.
    OR
    Portable suction unit.
11. Venturi principle.
12. Alarms in anaesthesia machine.

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

13. Humidification of airways and significance.
14. Entonox and its uses.
15. Glutaraldehyde.
    OR
    Ether Day.
16. Liquid oxygen.
17. Hazards of vaporizers.
18. Hypoxia and its clinical signs.
19. Post operative care of a surgical patient.
20. Capnography.
    OR
    Master slave mechanism.
21. Babcock forceps.
22. Hand scrubbing.

*****