Rajiv Gandhi University of Health Sciences, Karnataka

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

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

Introduction to Anaesthesia & OT Technology (RS-3)

Q.P. CODE: 3407

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. Duties of nurses in OTs.
2. Explain about disinfection of instruments, equipment and OT, after an HIV positive patient is operated.

   OR

   Define essential monitoring. Write briefly about invasive and non-invasive haemodynamic monitoring used intra operatively.

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

3. Complications of general anaesthesia.
4. Calculation of ET tube size in paediatric patients.
5. Acute blood transfusion reactions.

   OR

   Care of microsurgical instruments.
6. Transfer of surgical patient from OT to recovery area.
7. Elaborate on advanced cardiac life support and recent guidelines.
8. Discuss equipment and instruments required for general anaesthesia.
9. Write about various surgical positions and steps to prevent positional injuries.
10. How will you start blood transfusion? Write a note on complications of blood transfusion and their management.

    OR

    Basic life support.
11. Radiation protection during intra operative use of C-arm.
12. Universal precautions.

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

13. Define Resuscitation.
14. Define Pre operative preparation.
15. Define care of equipments in the operation theatre.

    OR

    Define Infection.
16. Emergency codes in hospital.
17. Define Sterilization.
18. Define Localised infection.
19. Define Bacteriostatic.
20. Define methods of waste disposal

    OR

    Colour coding of cylinders.
21. Define surgical Asepsis.
22. Tracheostomy.

Rajiv Gandhi University of Health Sciences, Karnataka

*****