

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Operation Theatre Technology Degree Examination – 28-Nov-2024

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. Describe all the different patient positions. Explain in detail about prone position – Indications, complications.
2. List out all the physical methods of sterilization. Explain in detail about hot air oven.
OR
List out all the chemical methods of sterilization. Explain the aldehydes used for sterilization in detail.

SHORT ESSAYS (Question No.5 & 10 choice)

10 x 5 = 50 Marks

3. Absolute and relative contraindications of spinal anaesthesia.
4. List various types of blood grouping. Explain the indications of blood transfusion.
5. Succinyl choline.
OR
Intravenous induction agents.
6. Explain the zones of OT and describe briefly OT sterilization.
7. Explain the biomedical waste management in OT.
8. Explain intraoperative patient monitoring with respect to a) ETCO₂ b) ECG
9. Explain gowning and gloving techniques in detail.
10. Preoperative patient preparation.
OR
Postoperative patient care.
11. ETO sterilization.
12. Instrument trolley setup for LSCS procedure.

SHORT ANSWER (Question No. 15 & 20 choice)

10 x 3 = 30 Marks

13. Spinal needles.
14. Indications for Foley's catheterization.
15. Types of ET tubes.
OR
List three supraglottic airway drugs.
16. Anatomical face mask.
17. Non Invasive Blood Pressure (NIBP).
18. List three premedication drugs.
19. Nitrous oxide.
20. Flash sterilization.
OR
List the use of a) BP handle b) Langenbeck Retractor
21. Propofol.
22. Myopyrolate.
